



## Kurum Profili

KLEMSAN ELEKTRİK ELEKTRONİK SANAYİ VE TİCARET A.Ş., 1974 yılında İzmir'de kurulmuştur. Ülkemizde konusunun ilk ve tek üretici kuruluşu olan Klemsan, kuruluşundan bugüne gerçekleştirdiği tasarım, katma değerli ürünler ve yatırımlarla ülke ekonomisine katkıda bulunmaktadır.

Klemsan, TSE belgeli, Avrupa Birliği teknik şartnamelerine ve uluslararası standartlara uyumlu VDE, ATEX, CE, UL, cUL, CSA, DNV ve GOST-R belgelerine sahip ürünlerini, İzmir Kemalpaşa'da bulunan fabrikasında, ISO 9001 Kalite Güvence Sistemi ve ISO 14001 Çevre Yönetim Sistemi altında üretmektedir.

Satış ve pazarlama organizasyonunu İstanbul merkezin yanı sıra, Ankara, Bursa, Adana, Antalya ve Konya'da bulunan Bölge Müdürlükleri ve 72 satıcı bayisiyle tüm ülkeye yayan Klemsan, Türkiye pazarının tamamına hitap ettiği gibi, 1998 yılında başladığı ihracat hamlesi ile aralarında Romanya, Kazakistan, A.B.D, Kanada, Brezilya, Şili, Güney Kore, Avustralya, Almanya, İtalya, Fransa, İngiltere, Danimarka, Norveç, Finlandiya, Tayvan, Fas, BAE, Suudi Arabistan, Suriye, Mısır, Tunus, Rusya ve Birleşik Arap Emirlikleri gibi ülkelerin de bulunduğu 54 ülkeye ihracat yapmaktadır. 2006 yılında Rusya ve Dubai'de kurmuş olduğu şirketlerle Türkiye'deki satış organizasyonunu o ülkelere de taşımaktadır.

Klemsan, ana faaliyet alanı olan klemens ve aksesuarlarının üretim adetlerini her geçen gün arttırırken ürün portföyüne de sürekli yeni ürünler katmaya devam etmektedir.

2002 yılından beri elektronik ürünler üreten Klemsan, 2007 yılında Klemsan otomasyon firmasını kurmuştur. SMD montaj hattını İzmir / Kemalpaşa fabrikasında kuran Klemsan, Arge ve yazılımını kendisinin yapmış olduğu ürünleri bünyesine katmıştır. Klemsan otomasyon, özellikle Türkiye nin ve dünyanın ihtiyaç duyduğu enerji yönetimine yönelik ürünleri bünyesine katarak çalışmalarına devam etmektedir.

Klemsan otomasyonun ürün gruplarından bazıları Reaktif Güç Kontrol Rölesi, Enerji Analizörü, Multimetreler, Koruma-Kontrol Röleleri, Sinyal dönüştürücüler ve Display'lerdir.

Klemsan firmasının ana hedefi, ray klemens serisini ve otomasyon ürün yelpazesini geliştirmektir. Sürekli gelişim içinde olarak ürün ve hizmet kalite seviyesini yüksek tutmak ve iç pazardaki başarısını yurtdışı pazarına da yayarak ülke ekonomisine katkıda bulunmaktadır.

## Company Profile

KLEMSAN ELECTRIC ELECTRONICS INC. was established in 1974. KLEMSAN is the first and the only manufacturer of DIN Rail Terminal Blocks in Turkey, it has a wide product portfolio, inside panel components, signal conditioners, electronic and automation modules, marking systems... etc

KLEMSAN, as an ISO 9001 & ISO 14001 certified manufacturer, offers a comprehensive product portfolio that complies with IEC directives and carries the VDE, ATEX, CE, UL, cUL, CSA, DNV and GOST-R approvals as a global passport to the international markets.

KLEMSAN, with its Head Office in Istanbul, its regional offices in Ankara, Bursa, Adana, Antalya and Konya, and its wide distribution network with 72 distributors nationwide, is the leader of the local market.

Moreover, KLEMSAN is exporting to 54 countries including Romania, Kazakhstan, USA, Canada, Brazil, Chile, S. Korea, Australia, Germany, Italy, France, United Kingdom, Denmark, Norway, Finland, Taiwan, Morocco, UAE, Saudi Arabia, Syria, Egypt, Tunisia etc. Among these countries, Klemsan has established sales offices in Russia and Dubai.

Main scope of business being terminal blocks and accessories, Klemsan is increasing its production volume continuously and keeps on adding new products to its product range in order to meet the customer requirements.

Having been manufacturing electronic devices since 2002, Klemsan established its Automation company in 2007. Adapting its SMD assembly line in Izmir Kemalpa\_a Factory, Klemsan improves production capacity and responsiveness. Klemsan's products are designed and developed in-house by its own R&D and software.

Klemsan Automation focuses on the products intended for Energy Management, which is becoming an important need in Turkey's energy sector and in that of the whole world. Some of the product groups of Klemsan Automation are Reactive Power Controller, Energy Analyzer, Multimeters, Monitoring Relays, Transducers and Displays.

Klemsan's major target is to expand its product portfolio by improving DIN Rail Terminal Blocks and Automation products by continuous improvement and keeping the service quality level high. Moreover, Klemsan's motive is to contribute to Turkey's economy and to be known as a Turkish manufacturer by spreading its success in the domestic market to foreign market.



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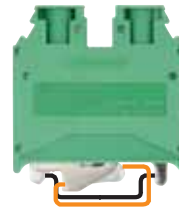
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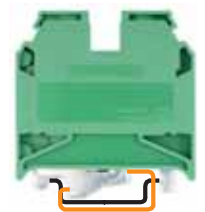
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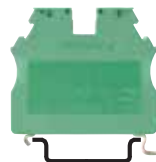
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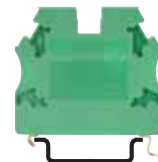
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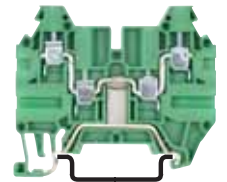
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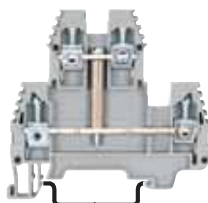
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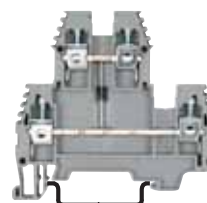
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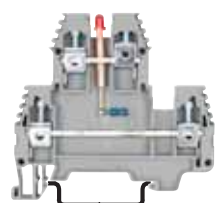
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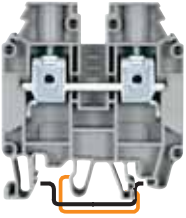
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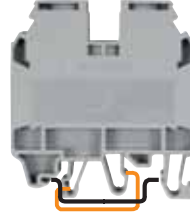
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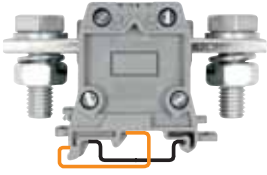
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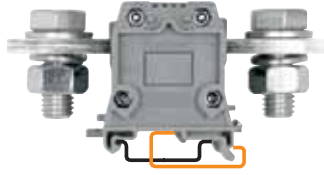
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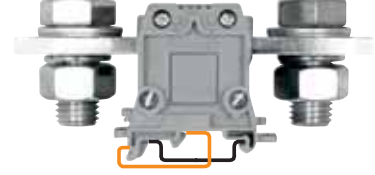
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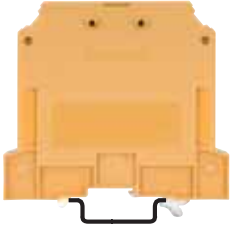
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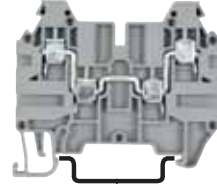
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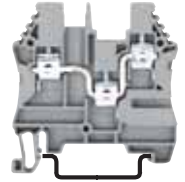
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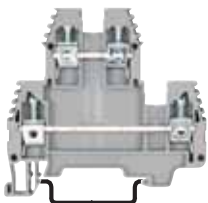
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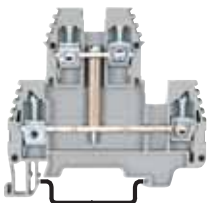
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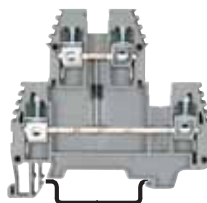
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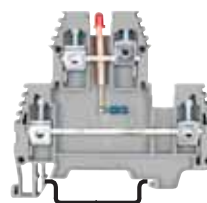
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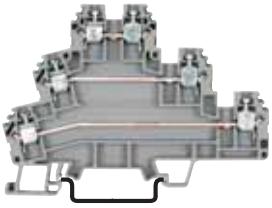
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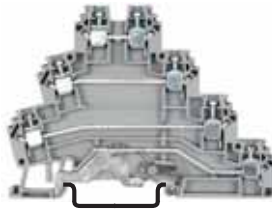
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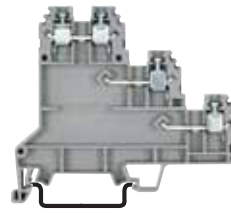
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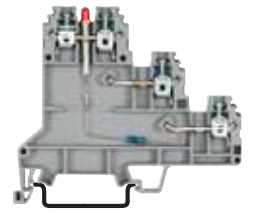
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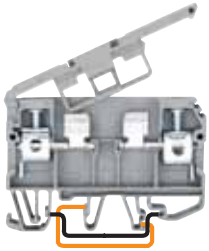
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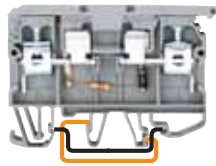
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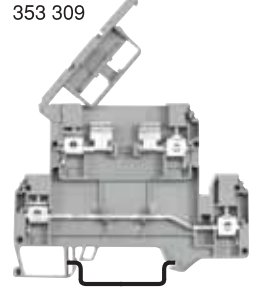
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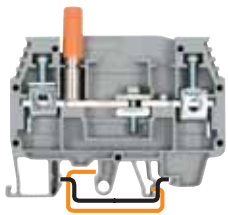
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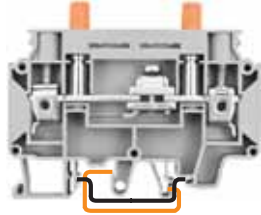
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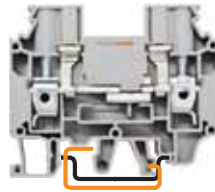
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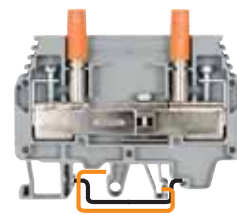
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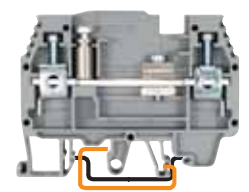
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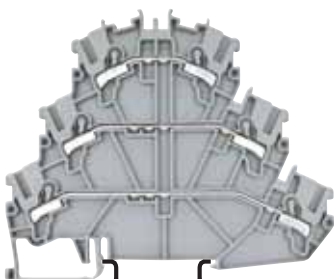
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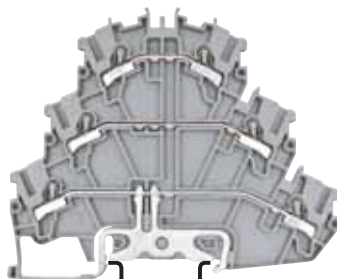
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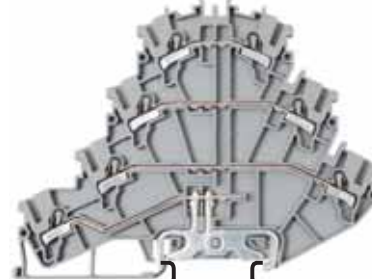
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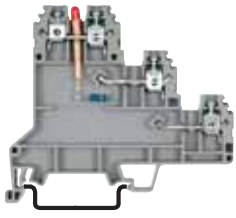
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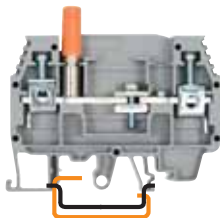
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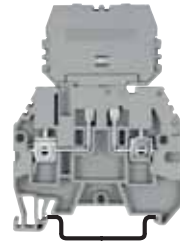
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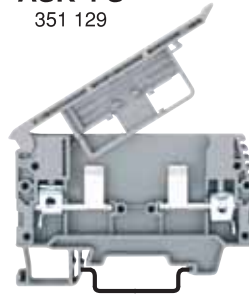
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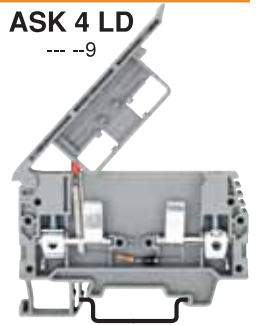
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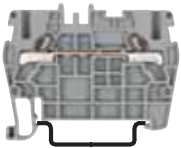
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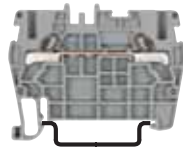
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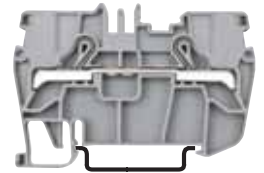
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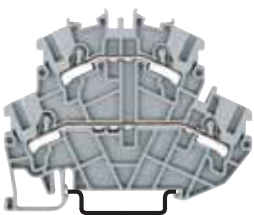
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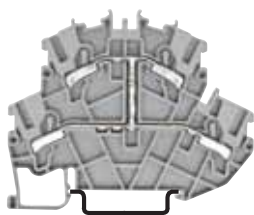
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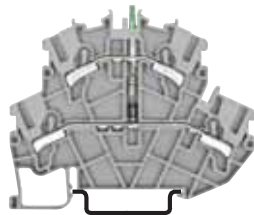
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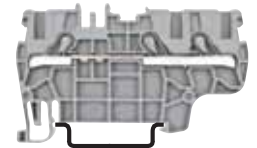
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**PYK 4 SLD**  
307 259



Sayfa / Page: 71

**PYK 4 I**  
307 --9



Sayfa / Page: 71

**PYK 4 ILD**  
307 ....9



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**PYK 2.5A**  
307 169



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**PYK 2.5CCA**  
307 219



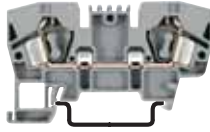
Sayfa / Page: 73

**YBK 2.5**  
306 229



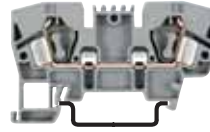
Sayfa / Page: 74

**YBK 4**  
306 239



Sayfa / Page: 75

**YBK 6**  
306 249



Sayfa / Page: 75

**YBK 10**  
306 259



Sayfa / Page: 75

**MYK 2.5**  
306 429



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**MYK 2.5 T**  
336 420



Sayfa / Page: 79

**MYPK 2.5**  
306 439



Sayfa / Page: 79

**MYSK 2.5**  
306 449



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**YBK 4-2 F**  
318 109



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**YBK 4-2 FK**  
318 129



Sayfa / Page: 83

**YBK 4-2 FD**  
318 219/229



Sayfa / Page: 83

**YBK 4-2 FLD**  
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Sayfa / Page: 83

**YBK 3 S**  
324 709



Sayfa / Page: 86

**YBK 3 SLD (NPN)**  
324 719



Sayfa / Page: 87

**YBK 3 SLD (PNP)**  
324 709



Sayfa / Page: 87

**YBK S**  
355 119



Sayfa / Page: 88

**YBK SB**  
363 109



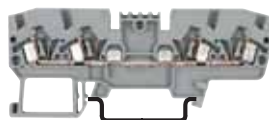
Sayfa / Page: 89

**YBK 2.5 E**  
326 059



Sayfa / Page: 92

**YBK 2.5 C**  
326 109



Sayfa / Page: 93

**YBK 2.5 CX2**  
326 209



Sayfa / Page: 93

**YBK 2.5 CD**  
326 219



Sayfa / Page: 94

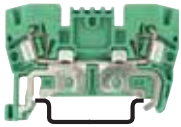
**YBK 2.5 CLD**  
326 --9



Sayfa / Page: 95

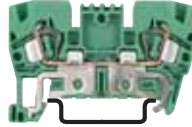


**YBK 2,5 T**  
336 220



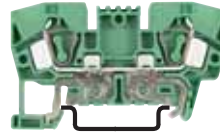
Sayfa / Page: 76

**YBK 4 T**  
336 230



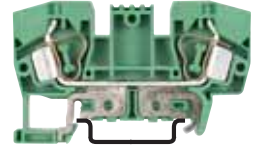
Sayfa / Page: 77

**YBK 6 T**  
336 240



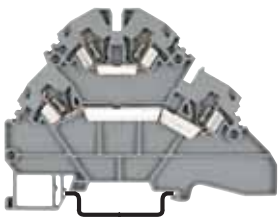
Sayfa / Page: 77

**YBK 10 T**  
336 250



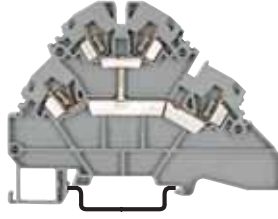
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**YBK 2.5-2 F**  
316 109



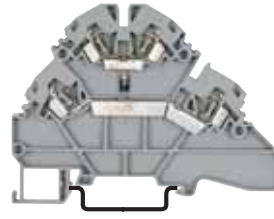
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**YBK 2.5-2 FK**  
316 129



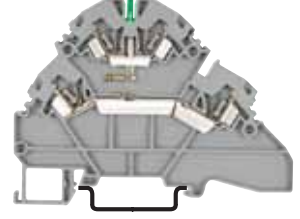
Sayfa / Page: 81

**YBK 2.5-2 FD**  
316 219/229



Sayfa / Page: 81

**YBK 2.5-2 FLD**  
316 --9



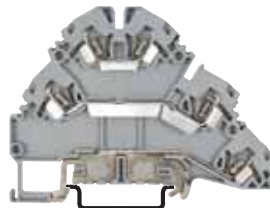
Sayfa / Page: 81

**YBK 2.5-3 F**  
324 509



Sayfa / Page: 84

**YBK 2.5-2 FT**  
324 809



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**YBK 2.5-3 FT**  
324 609



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**YBK SLD**  
--- --9



Sayfa / Page: 89

**YBK 2.5 A**  
353 209



Sayfa / Page: 89

**YBK I**  
355 129



Sayfa / Page: 90

**YBK IB**  
363 209



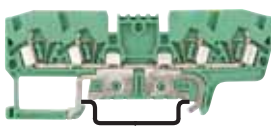
Sayfa / Page: 91

**YBK ILD**  
--- --9



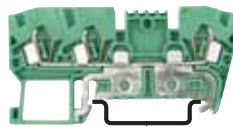
Sayfa / Page: 91

**YBK 2.5 CT**  
336 100



Sayfa / Page: 95

**YBK 2.5 ET**  
336 110



Sayfa / Page: 95

**PCY 2.5**  
364 019



Sayfa / Page: 96

**PCY 2.5 N**  
364 011



Sayfa / Page: 96

**PCY 2.5 E**  
364 059



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**PCY 2.5 L**  
364 --9



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## KLEMENSLER / TERMINAL BLOCKS

Elektrik tesislerinde iletken kabloları birbirine bağlamak için kullanılan komponentlere klemens denir. Gelişen teknoloji ve enerji sektöründeki değişimlerle klemenslerin kullanım yerleri, özellikleri ve boyutları değişime uğramıştır.

Sistemin güvenliği açısından büyük önem taşıyan klemenslerde;

- Akım taşıyan parçalar elektriksel kayıpları minimuma indirecek metallere imal edilmeli,
- Plastik gövde alev almamalı ve kendi kendine sönebilmesi,
- Klemens vidaları yalama olmamalı ve ortam şartları nedeniyle gevşememeli,
- Köprü iletkenine tam temas edecek yapıya sahip olmalı, çevresel etkilerle iletkenin klemensden kurtulmasına müsaade etmemelidir.

Ayrıca klemens, aksesuarları ve topraklama grupları ile tam bir seri oluşturmalı, iyi bir etiketleme sistemi ile kullanıcıya ideal boyutta çözüm sunabilmelidir.



Terminal blocks are components and systems the main function of which is to ensure safe and secure electrical and mechanical conductor connections. The term covers all conceivable types, designs and forms of connection. From the application point of view, the most important group of terminals is that of rail mounted modular terminal blocks.

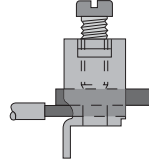
- The current carrying bar must be made of metals which reduce electrical losses to minimum.
- Insulation material must be nonflammable and self extinguishing.
- The screw must not be loosed due to vibration.
- The current carrying bar must have such a form that the conductor has a strong contact area in the connection point.

The terminal block series should have a complete range together with all the accessories to provide the best solutions in an ideal area.

## BAĞLANTI SİSTEMLERİ / CONNECTION SYSTEMS

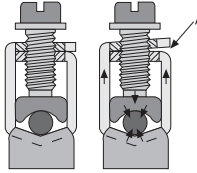
### VIDA SIKIŞTIRMALI BAĞLANTI SİSTEMİ :

En çok kullanılan bağlantı sistemidir. İletken, klemens içinde bulunan metal köprüye sac ayak yardımıyla temas ettirilir. Bu bağlantıya asansörlü bağlantı sistemi de denmektedir. Bu sistem sayesinde vida iletkenle temas etmez.



**SCREW CONNECTION :** This is the most popular of all known methods of connection. Screw connection refers to any connection in which the conductor is stripped of its insulation and clamped without any special preparation. Klemsan screw clamp system is built in protection against loosening.

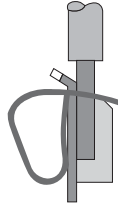
Şekilde belirtilen (A) noktasında vida sıkıldığı zaman ayak üzerinde meydana gelen açma görülmektedir. Yaylı rondela vazifesi gören bu açma sayesinde vidanın dışlarına uygulanan baskı vidanın gevşemesini önlemektedir.



When the screw is tightened, the resultant pressure pulls apart both halves of the clamping yoke. This generates a particularly high locking action on the screw. These clamping systems provide excellent vibration resistance.

### YAY BASKILI BAĞLANTI SİSTEMİ

Paslanmaz çelikten imal edilen yay, iletken üzerinde sürekli bir baskı sağladığı için bağlantı titreşimli ortamlardan etkilenmez. Yaylı bağlantı sistemi bu nedenle vibrasyonlu ortamlarda en uygun çözümü sunmaktadır.

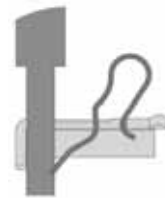


### SPRING CLAMP SYSTEM

The stainless steel spring presses the conductor directly against the current bar. Due to the special construction of the clamping body, the contact force is further increased when pulling the conductor.

### PRATİK YAY BASKILI BAĞLANTI SİSTEMİ

Yay baskılı bağlantı sistemine ek olarak, Pratik Yay Baskılı teknolojiye, montaj için tornavida kullanılmasına gerek yoktur, kabloyu yuvasına itmek yeterlidir.



### PRACTICAL SPRING CLAMP SYSTEM

In addition to spring clamp system, with practical technology, there is no need to use a screwdriver, cable is connected to the terminal by just pushing in.

## MATERYAL

KLEMSAN klemensleri özenle seçilmiş standart malzemelerden imal edilmiştir. İzolasyon malzemeleri, bağlantı metalleri ve iletken malzemelerin uluslararası standartlara uygunluğu kalite kontrol yöntemleri ile kanıtlanmıştır. Bağlantı ayakları ve vidalar aşınmaya karşı dayanıklılığını arttırmak için çinko ile kaplanmıştır. Akım taşıma baraları princi ve elektrolitik bakırdan imal edilmiştir. kalay-kurşun-nikel kaplanan bu parçalarla en düşük yüzey direnci sağlanmıştır.

Polyamide 6.6 çok yüksek sıcaklıklarda dahi mükemmel elektriksel, mekaniksel ve kimyasal özellikler göstermektedir ve kadmiyum bazlı renk pigmentleri içermez. Polyamide 6.6'dan basılan gövdeler çevrenin nemini alırlar. Bu özellikleri çok düşük sıcaklıklarda bile onları esnek ve kırılmaz yapar. Kendi kendini söndürebilme özelliği nedeniyle yanması zordur ve ancak sürekli alev altında yanar.

UL94'e göre V2 sınıfındadır. UV ışınlarına olan direnci sayesinde açık hava uygulamaları için çok elverişlidir.

## MATERIALS

KLEMSAN terminals are made of selected standard materials. Insulating materials, clamping and conducting metals are subjected to strict quality control as required by stringent international standards. Clamping yokes and screws are zinc plated which considerably increases the resistance to corrosion. Current bars are made out of brass / electrolytic copper. Coating of tin / lead oxide, nickel while ensuring surface protection guarantees very low contact resistance.

Engineering thermoplastic Polyamide 6.6 has excellent electrical, mechanical and chemical characteristics even at temperatures as high as 100 °C and contain no cadmium based color pigments. Polyamide 6.6 moulded housing absorbs humidity from its surroundings. This makes the plastic material elastic and fracture proof even at temperatures as low as -40 °C. Being a self extinguishing material it is difficult to ignite and burns only as long as there is a longlasting supporting flame. It is rated V2 according to UL94. Good aging resistance and insensitivity to ultraviolet light makes it suitable for tropical and open air applications.

## ANA TERMİNOLOJİ

**Modüler Klemens Blokları:** Modüler klemens blokları tüm dünyada kullanılmaktadır. KLEMSAN klemensleri, dağıtım panoları, kontrol merkezleri, makina kontrol sistemleri, gemiler, güç istasyonları, demiryolu sistemleri gibi tüm alçak gerilim uygulamalarında güvenli bağlantıyı garanti etmektedir. Kullanılan malzemeler ve teknik özellikler, en yüksek kalite standartları ile uyumaktadır. Belli başlı tüm endüstriyel ülkelerin sertifikaları ürünlerde bulunmaktadır.

**Kesit Değeri:** Bir Klemens kesiti ısısal, mekaniksel ve elektriksel şartları sağlayan üretici tarafından belirtilen iletken kesitidir.

**Anma Akım Değeri:** Bir klemensin anma akımı üretici tarafından belirtilen anma kesitinde gerekli olan ısısal mekaniksel ve elektriksel şartları sağlayan yine üretici tarafından belirtilmiş akım değeridir.

**Anma Gerilim Değeri:** Bir klemensin anma gerilimi standartlarca belirlenmiş atlama mesafelerine bağlı olarak izolasyonda herhangi bir deformasyon meydana gelmeyecek şekilde üreticinin belirttiği gerilim değeridir.

**Nominal Boyutlar:** Klemensin toleransları hesaplanmadan alınan tüm ölçüleridir. Yan yana dizilirken +0.2mm tolerans bırakılmalıdır.

**İzolasyon Soyma Boyu:** Her KLEMSAN ürünü için gereken ve mm. olarak belirtilen kablo soyma boyudur.

**Nihayet Plakası:** Raya dizili bulunan klemens serilerinin sonuna gelen klemense bir nihayet plakası takılarak metal kısımları kapatılır.

**Ayırma Plakası:** Klemens gruplarının görsel olarak da ayrılabilmesi için kullanılır.

**Ayırma Dili:** Arka arkaya gelen üst köprülerin birbirleriyle olabilecek temasını engellemek için kullanılır.

## CE İŞARETİ

Kimlik saptayıcı işaret olan CE (Conformite Europeene) bir ürünün, güvenlik sağlığı, çevre ve tüketiciyi koruma için zorunlu taleplere uyduğunu belirtir. CE işareti ürünün Avrupa birliği tarafından bildirilen direktifler kapsamında ilgili standartlarının tüm şartlarını yerine getirdiğini gösterir. Avrupa birliği CE işareti gerektiren direktifler yayınlamıştır. Klemsan mevcut ürün gamı ile aşağıda yazılı direktiflere dahil olmaktadır:

1- Alçak gerilim direktifi (LVD) - 73/23 EEC

Bu direktif alternatif akım için 50-1000 V, doğru akım için 75-1500 V arasında değişen anma gerilimlerinde kullanılmak üzere tasarlanmış elektriksel cihazları kapsar.

2- Patlayıcı ortamlarda kullanılan ekipmanlar (ATEX) - 94/9 EEC.

Bu direktif patlama tehlikesi olan ortamlardaki ekipman ve koruyucu sistemleri tanımlar.

## RoHS İŞARETİ

RoHS (Restriction of the use of certain Hazardous Substances) sağlığa zararlı maddelerin kullanımının kısıtlanması anlamına gelmektedir. Bir başka ifade ile sağlığa zararlı maddelerin elektrikli ve elektronik ürünlerdeki kullanım miktarlarını kısıtlayan kurallardır:

Bu yasaklı maddeler ve izin verilen kullanım oranları şöyledir;

Cd - Kadmium - %0,01 ppm

Hg - Cıva - %0,1 ppm

Cr(VI) - Hekzavalan Krom (krom kaplama) - %0,1 ppm

PBB - Polibromlu bifeniller (alev almayı önleyici madde) - %0,1 ppm

PBDE - Polibromlu difenileter (alev almayı önleyici madde) - %0,1 ppm

Pb - Kurşun - %0,1 ppm

ppm: parts per million (ağırlık cinsinden)

Klemsan 2006 yılı itibari ile üretiminde RoHS direktiflerine uyumlu proses ve komponentler geliştirmiş ve tüm ürünlerini akredite olmuş test laboratuvarlarında analiz ettirerek RoHS uyumluluk raporlarını almıştır.

## MAIN TERMINOLOGY

**Modular Terminal Blocks:** Modular terminal blocks are used worldwide. Whether they be in distribution boards, control centers or machine control systems, in ships, power stations or railway rolling stock, Klemsan terminals guarantee safe connections in all low voltage installations. In view of this versatile and worldwide application, the materials used and the technical data achieved meet the highest quality standard. Approvals have been obtained from all major industrial countries.

**Rated Cross-Section:** The rated cross-section of a terminal block is a value of conductor cross-section which is indicated by the manufacturer and covered by the thermal, mechanical and electrical requirements.

**Rated Current:** The rated current of a terminal block is a current value which is indicated by the manufacturer and covered the thermal, mechanical and electrical requirements on using the rated cross-section.

**The Rated Voltage:** The rated voltage of a terminal block is a voltage value which is stated by the manufacturer according to creepage and clearance distances and which does not allow any deformation on product.

**Nominal Dimensions:** Nominal dimensions are the overall dimensions of the terminal block with fixings, but without tolerances. To the specified terminal with a tolerance of +0.2 mm. must be allowed during design when mounting in rows.

**Insulation Stripping Length:** The required stripping length for every Klemsan product is stated in mm. These lengths must be observed.

**End Plate:** The last terminal in a rail mounted assembly must be closed with an end plate. The end plate is held in position by the end bracket.

**Partition:** The partition is required for the visual separation of circuits or for electrical separation in case of adjacent cross connections.

**Small Partition:** Small partitions can be inserted after assembly into terminal blocks of up to a max. thickness of 10 mm. between cross connections and test sockets.

## CE SIGN

The letters CE stand for Comformite Europeene. CE sign confirms that a product meets the demands of all relevant guidelines and regulations of the European Union (EU), and declares a product is appropriate for human security and health.

The products of Klemsan are subject to below directives:

1- Low Voltage Directive (LVD) - 73/23 EEC

This directive includes electrical devices which function in the range of 50-1000 V (alternative current) and 75-1500 V (direct current).

2- Equipment for use in potentially Explosive Atmospheres (ATEX) - 94/9 EEC.

ATEX is the name commonly given to the framework for controlling explosive atmospheres and the standards of equipment and protective systems used in them.

## RoHS

The RoHS Directive stands for "Restriction of the use of certain Hazardous Substances in electrical and electronic equipment". This Directive bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants. The permitted ratios are below:

Cd - Cadmium - %0,01 ppm

Hg - Mercury - %0,1 ppm

Cr(VI) - Hexavalent chromium (coating) - %0,1 ppm

PBB - Polybrominated biphenyl (flame retardant) - %0,1 ppm

PBDE - Polybrominated diphenyl ether (flame retardant) - %0,1 ppm

Pb - Lead - %0,1 ppm

ppm: parts per million (in total weight)

Klemsan has developed some processes and components in accordance with RoHS Directives in 2006, and had its products tested in the approved laboratories, and achieved RoHS Conformity Approvals.

## İLETKENLER

Terminal bağlantılarında alüminyum ve bakır iletkenler kullanılmaktadır. Ancak günümüzde en çok kullanılan iletkenler bakır iletkenlerdir. Bakır iletkenler tip olarak iki kategoriye ayrılırlar.

- 1- Rijit iletkenler
  - a- som iletkenler (tek damar)
  - b- örgülü iletkenler
- 2- Bükülgen iletkenler (çok damar)

Kesit olarak metrik (ISO) ve Amerikan tip olarak iki ye ayrılırlar.

Metrik mm <sup>2</sup>	Amerikan AWG/kcmil	Eşdeğer kesit alan mm <sup>2</sup>
0,2	24	0,205
0,34	22	0,324
0,5	20	0,519
0,75	18	0,82
1	-	-
1,5	16	1,3
2,5	14	2,1
4	12	3,3
6	10	5,3
10	8	8,4
16	6	13,3
25	4	21,2
35	2	33,6
50	0	53,5
70	00	67,4
95	000	85
-	0000	107,2
120	250 kcmil	127
150	300 kcmil	152
185	350 kcmil	177
240	500 kcmil	253
300	600 kcmil	304

AWG : Amerikan kablo ölçüsü  
 1 kcmil : 1000 cmil  
 1cmil : 1dairesel mil=1 mil çapı bulunan bir dairenin yüzeyi  
 1 mil : 1/1000 inç

## CONDUCTORS

Aluminum and copper conductors are used for the connection of terminals, but copper conductors are used more frequently. These conductors are divided into two main categories.

- 1- Rigid conductors
  - a- Solid strand
  - b- Knitted conductors
- 2- Fine Strand

Conductor cross sections are distinguished as metric and American standards.

Metric mm <sup>2</sup>	American AWG/kcmil	Equivalent cross-sectional area mm <sup>2</sup>
0,2	24	0,205
0,34	22	0,324
0,5	20	0,519
0,75	18	0,82
1	-	-
1,5	16	1,3
2,5	14	2,1
4	12	3,3
6	10	5,3
10	8	8,4
16	6	13,3
25	4	21,2
35	2	33,6
50	0	53,5
70	00	67,4
95	000	85
-	0000	107,2
120	250 kcmil	127
150	300 kcmil	152
185	350 kcmil	177
240	500 kcmil	253
300	600 kcmil	304

AWG : (American Wire Gauge) American standard of measure  
 1 kcmil : 1000 cmils  
 1 cmil : (1 circular mil) the area of a circle with a diameter of one mil  
 1 mil : 1/1000 inch

## YALITMA ARALIKLARI VE YÜZEYSEL KAÇAK YOLU UZUNLUKLARI

Yalıtma aralığı 3 mm'den az olduğunda en küçük oluk genişliği bu yalıtma aralığının 1/3' üne azaltılabilir. Yalıtma aralıkları ve yüzeysel kaçak yolu uzunluklarının ölçme metodları detaylı olarak IEC 60947-1 EK G' de verilmiştir. Çıkıntılar kaçak oluşumunu büyük ölçüde azaltır. Bu nedenle üzerinde 2 mm'den büyük çıkıntı bulunan yüzeysel kaçak yolu 0,8 kat kısaltılabilir.

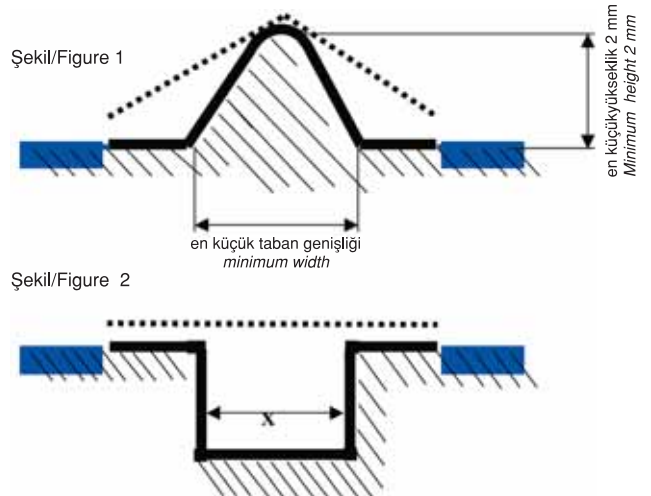
Klemsan klemensleri IEC 60947-1 standardına göre Kirlenme derecesi 3 grubuna girmektedir. "İletken kirlenme veya kuru ve iletken olmayan kirlenme meydana gelir; ancak bu kirlenme yağışla sebebiyle iletken hale gelir."

KİRLENME DERECESESİ DEGREE of SOILING	OLUKLARIN "X" GENİŞLİKLERİNİN EN KÜÇÜK DEĞERLERİ MINIMUM WIDTH "X" in mm
1	0,25 mm
2	1,0 mm
3	1,5 mm
4	2,5 mm

## CLEARANCE AND CREEPAGE DISTANCES

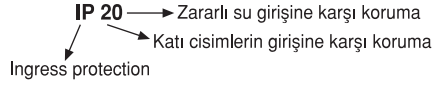
If the corresponding clearance distance is less than 3 mm, the smallest groove width may be reduced to 1/3 of this clearance distance. The measuring methods of clearance and creepage distances are revealed in IEC 60947-1 EK G. Projections decrease the creepages with a high level. Therefore, the clearance which has a projection higher than 2mm can be decreased with 80 percent. (FIGURE 1).

Klemsan terminals has pollution degree 3 according to IEC 60947-1 standart. "Conductive pollution or dry, non-conductive pollution occurs liable to be rendered conductive through anticipated moisture condensation."



..... YALITMA ARALIĞI  
CLEARANCE DISTANCES  
 ————— YÜZEYSEL KAÇAK YOLU UZUNLUĞU  
CREEPAGE DISTANCES

## KORUMA SINIFLARI (IP KODU)



IP	BİRİNCİ BASAMAK (Katkı cisimlere karşı koruma)
0	Korumasız
1	50 mm çapında bir kürenin tam girişine müsaade edilmez. Tehlikeli bölümlere temasa izin verilmemeli
2	12,5 mm çapında bir kürenin tam girişine müsaade edilmemeli, eklemli deney parmağı tehlikeli bölümlerden yeterli yalıtma aralığında olmalı
3	2,5 mm çapındaki giriş sondası girmemeli
4	1,0 mm çapındaki giriş sondası girmemeli
5	tozun sınırlı girişine müsaade edilir. (hiçbir zararlı tortu olmamalı)
6	toz girişine karşı tamamen korunmuş olmalı

IP	İKİNCİ BASAMAK (Sıvılara karşı koruma)
0	Korumasız
1	Düsey olarak akan damlalara karşı korunmalı. Sınırlı su girişine izin verilir.
2	Düseyden 150 eğilmiş mahfazalı düsey akan damlalara karşı korunmalı. Sınırlı su girişine izin verilir
3	Düseyden 60°'e kadar püsküren suya karşı korunmalı. Sınırlı su girişine izin verilir.
4	Tüm yönlerden sıçrayan suya karşı korunmalı. Sınırlı su girişine izin verilir.
5	Su fıskırmasına karşı korunmalı. Sınırlı su girişine izin verilir.
6	Güçlü su fıskırmasına karşı korunmalı. Sınırlı su girişine izin verilir.
7	15 cm ile 1 m arasında daldırmaya karşı korunmalı
8	Basınç altında uzun süre daldırmaya karşı korunmalı

REF: IEC 60529 Klemsan klemensleri IP 20 koruma derecesi sağlamaktadır.

## KABLO SIKMA (TORK) DEĞERLERİ

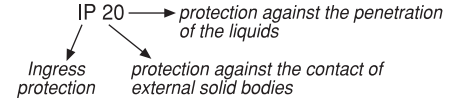
Vidalı klemensler ile iletken bağlantılarında kablo sıkıştırma kuvveti çok önemlidir. İletken istenen değerden az sıkıştırıldığında bağlantıda direnç oluşacak ve ısınma meydana gelecektir. Ancak, aşırı kuvvetle sıkıştırılması durumunda ise yine metal malzemenin moleküler yapısında oluşan gerilimler değişken ortam sıcaklıklarında malzemede istenmeyen problemlere sebebiyet verebilir. Bu nedenle IEC tarafından tespit edilmiş nominal tork değerlerine riayet edilmesi olası riskleri ortadan kaldıracaktır.

IEC 60947-1 Çizelge 4' e göre tork değerleri;	SIKMA MOMENTİ (Nm)		
VİDA ÇAP DEĞERLERİ (mm)	I	II	III
Çapı 1,6 dan küçük vidalar	0,05	0,1	0,1
1,6-2	0,1	0,2	0,2
2-2,8	0,2	0,4	0,4
2,8-3	0,25	0,5	0,5
3-3,2	0,3	0,6	0,6
3,2-3,6	0,4	0,8	0,8
3,6-4,1	0,7	1,2	1,2
4,1-4,7	0,8	1,8	1,8
4,7-5,3	1,2	2	2
5,3-6	2,5	2,5	3
6-8	...	3,5	6
8-10	...	4	10
10-12	...	...	14
12-15	...	...	19
15-20	...	...	25
20-24	...	...	36
Çapı 24 den büyük vidalar	...	...	50

SÜTUN I	Sıkıldığında delikten dışarıya taşmayan başsız vidalara ve vidanın dışı çapından ağız daha geniş tornavida ile sıkılamayan diğer vidalara uygulanır.
SÜTUN II	Tornavida ile sıkılan tüm vidalara uygulanır.
SÜTUN III	Tornavidadan başka vasıta ile sıkılabilen vidalara ve somunlara uygulanır.

Ref: IEC 60947-1/ IEC 60999-1  
Klemsan vidalı klemenslerinde IEC standartlarında istenen tork değerlerinin iki kat üzerinde emniyet testi yapılmaktadır.

## DEGREES OF IP PROTECTION (IP CODE)



IP	FIRST DIGIT - PROTECTION AGAINST SOLID OBJECTS
0	No protection
1	Protection against solid objects up to 50mm, e.g. accidental touches by hands.
2	Protection against solid objects up to 12mm, e.g. fingers.
3	Protection against solid objects over 2.5mm (tools and wires).
4	Protection against solid objects over 1 mm (tools, wires, and small wires).
5	Protection against dust limited ingress (no harmful deposit).
6	Totally protected against dust.

IP	SECOND DIGIT - PROTECTION AGAINST LIQUIDS
0	No protection
1	Protection against vertically falling drops of water e.g. condensation.
2	Protection against direct sprays of water up to 15° from the vertical.
3	Protection against direct sprays of water up to 60° from the vertical.
4	Protection against water sprayed from all directions - limited ingress permitted.
5	Protection against low pressure jets of water from all directions - limited ingress permitted.
6	Protection against low pressure jets of water, e.g. for use on ship decks - limited ingress permitted.
7	Protection against the effect of immersion between 15 cm and 1 m.
8	Protection against long periods of immersion under pressure.

REF: IEC 60529 Klemsan terminals furnish its customers with IP 20 protection.

## TORQUE VALUES OF FASTENING

In screw type terminals torque values are important. If the connector is tightened less than the required value, resistance and heating would appear. On the contrary, when extreme force is applied during fastening, the molecular structure of the metal would distort and heating could appear in conclusion. Therefore, if the nominal torque values obtained by IEC are applied, the probable risks would be eliminated.

Torque values based on IEC 60947-1 Table 4;	TORQUE (Nm)		
SCREW DIAMETER VALUES (mm)	I	II	III
Screws with diameters smaller than 1.6 mm	0.05	0.1	0.1
1.6-2	0.1	0.2	0.2
2-2.8	0.2	0.4	0.4
2.8-3	0.25	0.5	0.5
3-3.2	0.3	0.6	0.6
3.2-3.6	0.4	0.8	0.8
3.6-4.1	0.7	1.2	1.2
4.1-4.7	0.8	1.8	1.8
4.7-5.3	1.2	2	2
5.3-6	2.5	2.5	3
6-8	...	3.5	6
8-10	...	4	10
10-12	...	...	14
12-15	...	...	19
15-20	...	...	25
20-24	...	...	36
Screws with diameters bigger than 24 mm	...	...	50

COLUMN I	Applied to the headless screws fixing in the cavity and other screws which cannot fastened by screw-drivers.
COLUMN II	Applied to all screws fastened by screw-drivers.
COLUMN III	Applied to screws and nuts fastened by other devices.

Ref: IEC 60947-1/ IEC 60999-1  
Klemsan apply security tests to its screw-type terminals with doubled values of IEC torque standards.

## KİRLENME DERECELERİ

Kirlenme derecesi, klemensin çalışma esnasındaki çevre şartlarının sınıflandırılmasıdır.

Yalıtımın performansını klemensin içerisinde bulunan atmosfer değil, yüzeyel kaçak yolu mesafesi ve yalıtım aralığının mikro çevresi belirler. Mikro çevre çalışılan atmosferden daha iyi veya daha kötü olabilir.

Yalıtım aralıkları ve yüzeyel kaçak yolu uzunluklarının değerlendirilmesi için mikro çevre kirlenmesinin dört derecesi tespit edilmiştir.

### Kirlenme Derecesi 1:

Kirlenme yoktur veya yalnızca kuru ve iletken olmayan kirlenme meydana gelir

### Kirlenme Derecesi 2:

Normal olarak, yalnızca iletken olmayan kirlenme meydana gelir. Bununla birlikte ara sıra yağışla ilgili oluşan kısa süreli bir kirlenme beklenebilir.

### Kirlenme Derecesi 3:

İletken kirlenme meydana gelir veya kuru ve iletken olmayan kirlenme de meydana gelir ancak bu kirlenme yağışla ilgili iletken olur.

### Kirlenme Derecesi 4:

İletken toz, yağmur veya kar sebebiyle kalıcı iletkenlik oluşur.

## İZOLASYON MALZEME GRUPLARI

Malzeme grupları, yalıtım malzemeleri üzerindeki yüzeyel kaçak yolu indislerine (CTI) uygun olarak aşağıdaki gibi sınıflandırılmıştır.

Malzeme grubu I	600 ≤ CTI
Malzeme grubu II	400 ≤ CTI < 600
Malzeme grubu IIIa	175 ≤ CTI < 400
Malzeme grubu IIIb	100 ≤ CTI < 175

Belirlenmiş olan CTI değerleri yüzeyel kaçak yolu uzunluk mesafelerinin doğrudan etkilemektedir. Aşağıda bazı gerilim değerlerine göre oluşan mesafeler mevcuttur.

Mesafe ölçüleri mm cinsindedir. Beyan gerilim değeri (V)	Kirlilik Derecesi 3 Malzeme grubu			
	I	II	IIIa	IIIb
400	5	5.6	6.3	6.3
500	6.3	7.1	8	8
630	8	9	10	10

## KORUMA TİPLERİ

PE İLETKEN : Yalnızca topraklama korumasına sahip iletkenidir.

Isıl kısa devre dayanım akımı ve ısıl beyan akımıyla ilgili olarak aşağıdaki tabloda belirtilen değerleri aşmaması şartıyla montaj rayları koruma iletken barası olarak kullanılabilir.

Ray Profili	Malzeme	Eş değer E.Cu Kesit (mm <sup>2</sup> )	Kısa Süreli Dayanım Akımı (A)	PEN baranın ısıl beyan akımı (A)
MR 15x5.5	Çelik	10	1.2	-
	Bakır	25	3	101
	Alüminyum	16	1.92	76
G - Tipi ray / MR 32	Çelik	35	4.2	-
	Bakır	120	14.4	269
	Alüminyum	70	8.4	192
MR 35x7,5	Çelik	16	1.92	-
	Bakır	50	6	150
	Alüminyum	30	4.2	125
MR 35x15	Çelik	50	6	-
	Bakır	150	18	309
	Alüminyum	95	11.4	232

PEN İLETKEN : Koruma iletkeni ve nötr iletkenin her iki fonksiyonunda yerine getiren iletkenidir. Çelik bara, ya da çelik raylar PEN iletken olarak kullanılamaz.

## POLLUTION SEVERITIES

Pollution Severity is a classification of environmental conditions under which a terminal block operates.

It is not the atmosphere in a terminal block which determines the isolation performance, but it is creepage distance and micro environment of clearance distance which do this. Microenvironment can be better or worse compared to the atmosphere operated in.

There are 4 identified degrees of microenvironment pollution in evaluating creepage and clearance distances.

### Pollution Severity 1:

No pollution or only dry and non-conductive pollution

### Pollution Severity 2:

Only non-conductive pollution at a normal level. Besides there may be short-time pollution due to the condensation occurring occasionally

### Pollution Severity 3:

Either conductive or dry and non-conductive pollution occurring due to the condensation

### Pollution Severity 4:

Permanent pollution occurring due to conductive dust, rain or snow.

## ISOLATION MATERIAL GROUPS

Material groups are classified in line with the creepage distance indices (CTI) as shown below:

Material group I	600 ≤ CTI
Material group II	400 ≤ CTI < 600
Material group IIIa	175 ≤ CTI < 400
Material group IIIb	100 ≤ CTI < 175

Specified CTI values directly affect the creepage distances. Below are the distances as regards to some voltage values

Distances are in mm. Rated Voltage Value (V)	Pollution Severity 3 Material group			
	I	II	IIIa	IIIb
400	5	5.6	6.3	6.3
500	6.3	7.1	8	8
630	8	9	10	10

## PROTECTION TYPES

PE CONDUCTOR: The conductor with earthing protection only.

Mounting rails may be used as protective conductor busbars, provided that the values specified in below table for thermal short-time withstand current and thermal rated current are not exceeded.

Rail Profile	Material	Equivalent E.Cu Cross-section (mm <sup>2</sup> )	Short time withstand current (A)	Thermal rated current of a PEN busbar (A)
MR 15x5.5	Steel	10	1.2	-
	Copper	25	3	101
	Aluminum	16	1.92	76
G - Type Rail / MR 32	Steel	35	4.2	-
	Copper	120	14.4	269
	Aluminum	70	8.4	192
MR 35x7,5	Steel	16	1.92	-
	Copper	50	6	150
	Aluminum	30	4.2	125
MR 35x15	Steel	50	6	-
	Copper	150	18	309
	Aluminum	95	11.4	232

PEN CONDUCTOR : The conductor that functions as both protection and neutral conductor. Steel busbar or Steel Rails cannot be used as PEN conductor.

## BEYAN KABLO KESİT MASTARLARI

Klemenslerin içerisine girebilecek max.kablo kesitlerinin bir standard çerçevesinde belirlenmesi amacıyla IEC 60947-1 standardına göre A ve B tip olmak üzere iki tip solid kontrol mastarları tasarlanmıştır. Beyan edilen mastar kodunun hangi kabloları kapsadığına ilişkin tabloyu aşağıda bulabilirsiniz.

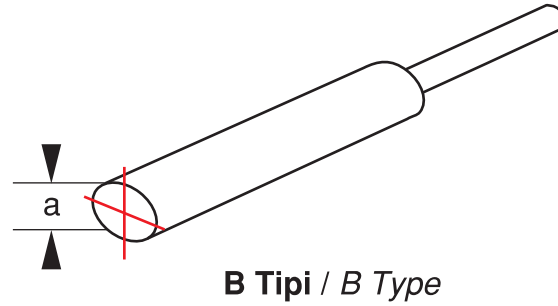
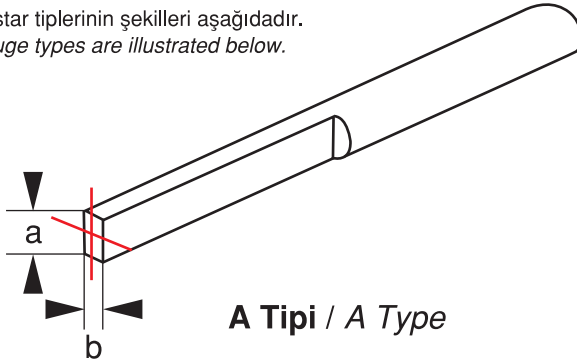
## RATED CROSS SECTION OF CABLES

There are two types of solid control gauges designed according to the standards IEC 60947-1, as A and B types, which are used for determining standardized values the maximum cable cross sections that can be put in terminal blocks.

Below is the table showing which rated gauge code covers what cable size.

İletken Kesit Alanı Conductor Cross Section Area		Mastar (ölçüler mm cinsindedir) Gauge (values are in mm)					
Bükülgen iletkenler Flexible Conductors (mm <sup>2</sup> )	Rijit iletkenler (som ve örgülü) Rigid Conductors (Solid and Flex) (mm <sup>2</sup> )	Tip / Type (A)			Tip / Type (B)		
		Kodu Code	Çap (a) Diameter (a)	Genişlik (b) Width (b)	Kodu Code	Çap (a) Diameter (a)	
1.5	1.5	A1	2.4	1.5	B1	1.9	
2.5	2.5	A2	2.8	2.0	B2	2.4	
2.5	4	A3	2.8	2.4	B3	2.7	
4	6	A4	3.6	3.1	B4	3.5	
6	10	A5	4.3	4.0	B5	4.4	
10	16	A6	5.4	5.1	B6	5.3	
16	25	A7	7.1	6.3	B7	6.9	
25	35	A8	8.3	7.8	B8	8.2	
35	50	A9	10.2	9.2	B9	10.0	
50	70	A10	12.3	11.0	B10	12.0	
70	95	A11	14.2	13.1	B11	14.0	
95	120	A12	16.2	15.1	B12	16.0	
120	150	A13	18.2	17.0	B13	18.0	
150	185	A14	20.2	19.0	B14	20.0	
185	240	A15	22.2	21.0	B15	22.0	
240	300	A16	26.5	24.0	B16	26.0	

Mastar tiplerinin şekilleri aşağıdadır.  
Gauge types are illustrated below.



## DARBE DAYANIM GERİLİMİ

Elektrikte en büyük yangın tehlikesi gerilimli bölümler arasında yada gerilimli bölümler ile iletken komponentler arasındaki elektriksel boşalmadır. (ark) Yalıtım malzemesinin istenen güvenlik şartlarını sağladığını tespit edebilmenin en önemli şartı beyan edilen gerilim değerine karşılık gelen darbe gerilim değerine karşı olumlu bir performans göstermesidir. Darbe gerilim değeri olarak beyan edilen değerler 1,2/50 µsn dalga biçimli olarak tatbik edilmektedir. Test sonunda yalıtımda her hangi bir delinme gözlenmemelidir. Beyan darbe gerilim değerleri, aşırı gerilim kategorilerine (OVC) göre belirlenmektedir.

Aşırı gerilim kategorisi, bir devrede oluşan ve beklenen geçici rejim aşırı gerilimlerin değerlerini sınırlandırmaya dayandırılan ve aşırı gerilimleri etkilemek üzere kullanılan imkanlara bağlı olan konvansiyonel bir sayıdır.

- Aşırı gerilim kategorisi I : Özellikle korunan seviyeler  
Aşırı gerilim kategorisi II : Yük ve cihaz gibi donanım seviyeleri  
Aşırı gerilim kategorisi III : Dağıtım devresi seviyeleri  
Aşırı gerilim kategorisi IV : Tesis başlangıcı (servise giriş) seviyesi

## RATED IMPULSE WITHSTAND VOLTAGE

The most dangerous fire hazard in electricity is the electrical arc formed among tensioned parts or between tensioned part and conductive components. The most important criterion in determining whether the isolation material complies with the required safety conditions is its capability of resistance against waveform voltage application. The impulse withstand test is carried out with a voltage having a 1,2/50 µs waveform. There must be no discharge under test. The values of rated impulse voltage are determined according to over voltage categories.

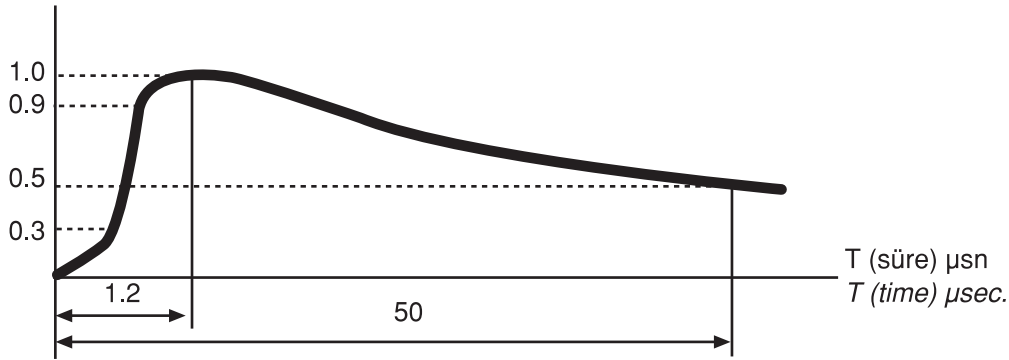
Over voltage category is numeral defining a transient over voltage condition.

- Over Voltage Category I : Specially protected levels (examples are protected electronic circuits)  
Over Voltage Category II : Energy-consuming equipment to be supplied from the fixed installation (such as portable tools and other household and similar loads)  
Over Voltage Category III : Equipment in fixed installations and for cases where the reliability and the availability of the equipment is subject to special requirements (e.g. switches in fixed installations)  
Over Voltage Category IV : For use at the origin of installation (e.g. primary over current protection equipment)

3 fazlı gerilim (V) Three-phase Voltage (V)	Tek fazlı gerilim (V) One-phase Voltage (V)	Nominal gerilim (V) Nominal Voltage (V)	Darbe gerilim değerleri (V) Test values of impulse voltage (V)			
			OVC 1	OVC 2	OVC 3	OVC 4
	120-240	50	0.35	550	910	1750
	120-240	100	550	910	1750	2950
	120-240	150	910	1750	2950	4800
30/400 277/480	120-240	300	1750	2950	4800	7300
400/690	120-240	600	2950	4800	7300	9800
1000	120-240	1000	4800	7300	9800	14800

NOT: 1- Tabloda bulunmayan ara beyan gerilim değerleri için bir üst gerilim değeri alınacaktır.  
2- Tabloda verilen darbe gerilim değerleri deniz seviyesine göre hesaplanmıştır. (IEC 60947-1)

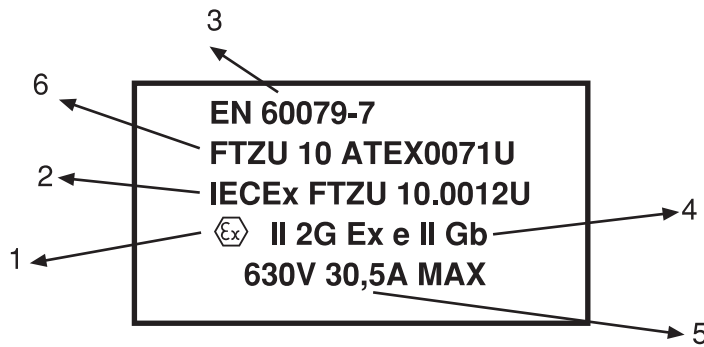
NOT: 1- The rated voltage intermediate values not indicated in the table above will be rounded up to next bigger value.  
2- The values given above are calculated under sea level measurements. (IEC 60947-1)



## KİRLENME DERECELERİ

ATEX, Avrupa Birliği'nin 01 ARALIK 2003 tarihinde yürürlüğe koyduğu "94/9/EC Potansiyel Patlayıcı Ortamlarda Kullanılan Ekipmanların Güvenliği" direktifidir. Bu direktif ile potansiyel patlama tehlikesi olan alanlarda kullanılan cihaz ve ekipmanlara yönelik normal kullanım alanları için belirlenmiş beyan değerler yeniden düzenlenmiştir.

ATEX belgeli bir ürün etiketi üzerindeki işaretlerinin hangi anlama geldiğini aşağıdaki şekilde görebilirsiniz.



- 1- Patlama koruması sembolü
- 2- Uluslararası patlama koruması sertifika numarası
- 3- Referans standart numarası
- 4- a- Ekipman grubu II
  - b- 1 ve 2 nolu bölgelerde kullanım için ürün kategorisi 2
  - c- Gaz "G" ortamlarında kullanımda onaylı
  - d- "e" sınıfı artırılmış koruma sınıfına sahip
- 5- Beyan gerilim ve akım değerleri
- 6- Akredite kurum adı

## POLLUTION SEVERITIES

Pollution SeveATEX Directives regulating the "94/9/EC - use of equipment in potentially explosive atmospheres was put into force on December 1st 2003 by the European Union. By this directive, rated values for normal operating conditions have been revised for potentially explosive areas.

Below figure illustrates and verbalizes the meaning of the labels ATEX certificated products:

- 1-Explosion Protection Symbol
- 2-International Explosive Protection Certificate Number
- 3-Standard Reference Number
- 4- a-Equipment Group II
  - b-Product Category 2 - for usage in zone 1 and/or 2
  - c-Approval for applications in gas (G) environment
  - d- "e" class for having increased safety category
- 5-Rated voltage and current values
- 6-Notified body name



**EKİPMAN GRUBU**

- 1- Madenler
- 2- Diğer Sanayi Kolları

**PATLAMAYA HAİZ BÖLGE TANIMLAMALARI**

**BÖLGE 0:** Normal çalışma esnasında patlama ihtimali yüksek olan ve olduğunda uzun süren yer

**BÖLGE 1:** Normal çalışma esnasında patlama ihtimali az olan ve olsada kısa süren yer

**BÖLGE 2:** Normal çalışma esnasında patlama ihtimali olmayan, arıza,bakım, onarım gibi durumlarda da patlama ihtimali çok az olan ve olsa da kısa süren yer

**"e" SINIFI ARTTIRILMIŞ EMNİYET**

Normal çalışması esnasında ark çıkarmayan ancak buna rağmen önlem alınan bir uygulamadır. Aygıtın emniyeti bir kat daha arttırılır. Klemens kutuları kablo bağlantıları gibi normal kullanımda tehlikeli derecede ısınmayan yerlerde kullanılır. Kapalı bir kutu içerisine alınan ürünlerin basınca dayanıklı olmasına gerek yoktur. Sadece IP korumalarının su ve nem girişine müsaade etmeyecek seviyeye getirilmesi yeterlidir.

**EQUIPMENT GROUP**

- 1- Mines
- 2- Other industry branches

**CLASSIFICATION OF POTENTIALLY EXPLOSIVE AREAS**

**ZONE 0:** Places where the potential for explosion is high and duration is long under normal operating conditions

**ZONE 1:** Places where the potential for explosion is low and duration is short under normal operating conditions

**ZONE 2:** Places where there is no potential for explosion under normal operating conditions or low potential for explosion with short duration under defect, repair and maintenance situations.

**"e" CLASS INCREASED SAFETY**

This is an application where the precautions are taken although there is no arc occurring under normal operating conditions. Security of the device is increased one step further. This application is used in environments with no danger of high temperature under normal operations e.g. in terminal block boxes, cable connections. Such products do not need to be pressure resistant; it is sufficient to get their IP degree up to a level that assures water and humidity resistance.

**REACH DİREKTİFİ**

Avrupa Birliği tarafından kabul edilen ve 1 Haziran 2007 tarihinde yürürlüğe giren 2006/1907/EC REACH (Registration, evaluation, authorisation and restriction of chemicals / Kimyasalların kaydı, değerlendirilmesi, izni ve kısıtlanması) tüzüğü, adından da anlaşılacağı gibi AB' ye ihracat yapan firmaların ürünleri içerisinde bulunan kimyasalların kayıt edilmesini kapsar.

Avrupa Kimyasallar Ajansı (ECHA) SVHC (Substances of very high concern / yüksek önem arz eden maddeler) listesi yayınlamaktadır.

01 Aralık 2011 tarihinden itibaren AB ülkelerine eşya ihracatı yapan firmalar, eşya içerisinde ağırlıkça %0,1 den fazla derişimde ve 1 ton/yıl dan daha fazla miktarda SVHC' ler için Avrupa Kimyasallar Ajansı (ECHA) 'ya bildirim yapmak zorundadır.

Bu direktif ile Avrupa Birliği, ilk etapta endüstride kullanılan tüm kimyasalları kayıt altına almayı daha sonra ise bu kimyasalların incelenerek insan ve çevre sağlığına vereceği zararları göz önünde bulundurularak kullanımdan kaldırılmasını yada kullanımların kısıtlanmasını amaçlamaktadır.

**REACH DIRECTIVE**

As the name implies, the 2006/1907/EC REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) directive, adopted by the European Union on 1 June 2007, obliges companies that produce, import or use chemical substances to register these substances and their uses and determine any related dangers and risks if required.

European Chemical Agency (ECHA) will publish the lists of SVHC (Substances of very high concern)

As of 01 December 2011, companies exporting goods into the EU must give a declaration to ECHA about their usage of SCVH as to whether the goods contain these materials in more than %0.1 SVHC as concentration/weight and more than 1 ton/year SVHC.

The European Union, by these directives, aims to record all the chemicals used in the industry and investigating these chemicals as to whether they have any hazardous effect on human health and environment, it can restrict or prohibit the usage of some chemicals in the industry.

AVK serisi ray klemensleri termoplast hammaddeden yapılmıştır. Ana rengi gri olmakla beraber 6 ayrı renkte imal edilen AVK serisi klemensler bu sayede kullanıcıya gruplama yapma imkanı sağlar.

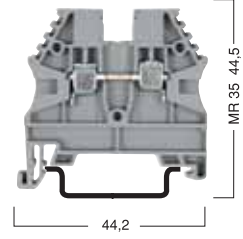
AVK type terminals are manufactured from thermoplastic raw material. Grey as being the main colour, 6 different colours give users chance for grouping.

## AVK Serisi Ray Klemensleri ve Aksesuarları

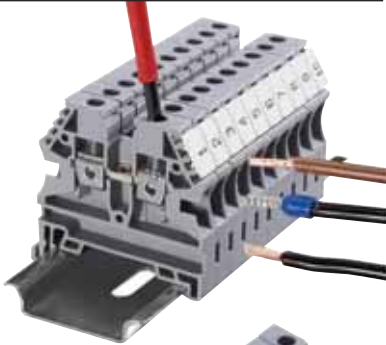
### Feed-Through Terminals and Accessories

## AVK 2.5

Kalınlık / Width 5 mm  
304 120



Renkler Colors	Klemensler Terminals	Nihayet Plakaları End Plate	Ayrırma Plakaları Partition
	Sip.No./Cat.No.	Sip.No./Cat.No.	Sip.No./Cat.No.
	<b>AVK 2,5</b>	<b>NPP</b>	<b>APP</b>
GRİ-GREY	304 120	444 120	462 120
MAVİ-BLUE	304 121	444 121	462 121
YEŞİL-GREEN	304 122	444 122	462 122
SARI-YELLOW	304 123	444 123	462 123
KIRMIZI-RED	304 124	444 124	462 124
BEJ-BEIGE	304 129	444 129	462 129
	<b>AVK 4</b>	<b>NPP</b>	<b>APP</b>
GRİ-GREY	304 130	444 120	462 120
MAVİ-BLUE	304 131	444 121	462 121
YEŞİL-GREEN	304 132	444 122	462 122
SARI-YELLOW	304 133	444 123	462 123
KIRMIZI-RED	304 134	444 124	462 124
BEJ-BEIGE	304 139	444 129	462 129
	<b>AVK 6</b>	<b>NPP</b>	<b>APP</b>
GRİ-GREY	304 140	444 120	462 120
MAVİ-BLUE	304 141	444 121	462 121
YEŞİL-GREEN	304 142	444 122	462 122
SARI-YELLOW	304 143	444 123	462 123
KIRMIZI-RED	304 144	444 124	462 124
BEJ-BEIGE	304 149	444 129	462 129
	<b>AVK 10</b>	<b>NPP</b>	<b>APP</b>
GRİ-GREY	304 150	444 120	462 120
MAVİ-BLUE	304 151	444 121	462 121
YEŞİL-GREEN	304 152	444 122	462 122
SARI-YELLOW	304 153	444 123	462 123
KIRMIZI-RED	304 154	444 124	462 124
BEJ-BEIGE	304 159	444 129	462 129
	<b>AVK 16</b>	<b>NPP</b>	<b>APP</b>
GRİ-GREY	304 160	444 160	462 160
MAVİ-BLUE	304 161	444 161	462 161
YEŞİL-GREEN	304 162	444 162	462 162
SARI-YELLOW	304 163	444 163	462 163
KIRMIZI-RED	304 164	444 164	462 164
BEJ-BEIGE	304 169	444 169	462 169



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
TSE / CE (EN 60947-7-1)	750 V ~ / 24 A / 2,5 mm <sup>2</sup>
VDE için / VDE (IEC 60947-7-1)	750 V ~ / 24 A / 2,5 mm <sup>2</sup>
UL / CSA için // UL / CSA	600 V ~ / 20 A / AWG 26-12
ATEX	630 V ~ / 23 A

Bağlantı Bilgileri / Connection Data	0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection	26-12 / 0,5-2,5 mm <sup>2</sup>
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	10 mm / 0.4 Nm
• Kablo soyma boyu / kablo sıkma torqu - Insulation Stripping Length / Torque	

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Polyamide 66	GRİ / GREY	AVK 2,5	304 120
			100

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x7,5	500 601	1 m
MR 35x15 MR 35x15 Delikli / Slotted	Delikli/Slotted	500 602	1 m
	MR 35x7,5	500 603	2 m
	Delikli/Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli/Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 8 mm	MR 35 için/For GRİ/GREY	KD 3	495 049
	MR 35 için/For GRİ/GREY	KD 4	495 059
		KD 7	495 219

Nihayet Plakası / End Plate - Ayrırma Plakası / Partition	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 1,5 mm	Polyamide 66	NPP 2.5-10	444 120
			100
		APP 2.5-10	462 120
			25

Ayrırma Dili / Small Partition	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	GRİ / GREY	AD 1	467 919
			100

Üst Köprü / Cross Connection	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	UK 2.5/2	474 122	25
	UK 2.5/3	474 123	20
	UK 2.5/4	474 124	15
	UK 2.5/10	474 129	5

Tarak Köprü / Comb Connector	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	TKO 2.5/2	476 262	25
	TKO 2.5/3	476 263	20
	TKO 2.5/4	476 264	15
	TKO 2.5/10	476 269	5

Test Fişi-Kov. / İzoleli Test Kov. / Test Plug-Soc. / Ins. Test Soc.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	TF (Ø 2)	493 020	5
	TF (Ø 2.3)	493 023	5
	TSK 1 (Ø 2)	490 010	5
	TSK 3 (Ø 2.3)	490 030	5

İkaz Plakası / Warning Label	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Sembollü / With symbol	IP 2 S	498 130	25
Sembolsüz / Without symbol	IP 2	498 140	25

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GRİ / GREY	GE	496 119	50
BEYAZ/WHITE	GE2	496 250	25
ŞEFFAF/TRANSPARENT	ME	496 13A	25
ŞEFFAF/TRANSPARENT	ME3	496 300	50

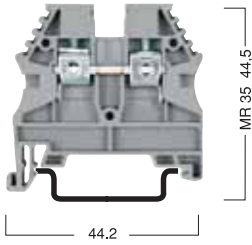
Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DB 10/5 DG 6/5 DG 10/5		

Teknik Bilgiler / Technical Data	0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	8 kV / 3
• Beyan darbe gerilim / Kirli/ik derecesi - Rated Impulse Voltage/Pollution severity	1 / B3
• İzolasyon malzeme grubu / Beyan kablo master kodu	IP20 / -
• İzolasyon malzeme grubu / Gauge pin code according to IEC 60947-1	
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver

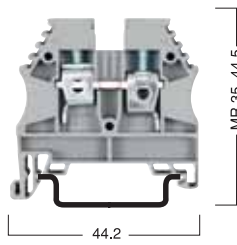
**AVK 4**

Kalınlık / Width 6 mm  
304 130



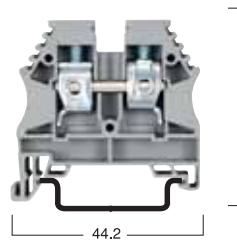
**AVK 6**

Kalınlık / Width 8 mm  
304 140



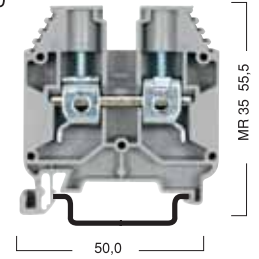
**AVK 10**

Kalınlık / Width 10 mm  
304 150



**AVK 16**

Kalınlık / Width 12 mm  
304 160



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
750 V ~ / 32 A / 4 mm <sup>2</sup>			630 V ~ / 41 A / 6 mm <sup>2</sup>			630 V ~ / 57 A / 10 mm <sup>2</sup>			750 V ~ / 76 A / 16 mm <sup>2</sup>		
750 V ~ / 32 A / 4 mm <sup>2</sup>			630 V ~ / 41 A / 6 mm <sup>2</sup>			630 V ~ / 57 A / 10 mm <sup>2</sup>			750 V ~ / 76 A / 16 mm <sup>2</sup>		
600 V ~ / 30 A / AWG 26-10			600 V ~ / 50 A / AWG 26-8			600 V ~ / 65 A / AWG 16-6			600 V ~ / 85 A / AWG 12-4		
630 V ~ / 30.5 A			630 V ~ / 41 A			630 V ~ / 57 A			630 V ~ / 71 A / 16 mm <sup>2</sup>		
0,5 - 6 mm <sup>2</sup> / 0,5 - 6 mm <sup>2</sup>			0,5 - 10 mm <sup>2</sup> / 0,5 - 10 mm <sup>2</sup>			1,5 - 16 mm <sup>2</sup> / 1,5 - 16 mm <sup>2</sup>			1,5 - 25 mm <sup>2</sup> / 1,5 - 25 mm <sup>2</sup>		
26-10 / 0,5-4 mm <sup>2</sup>			26-8 / 0,5-6 mm <sup>2</sup>			16 - 6 / 1,5 - 10 mm <sup>2</sup>			12 - 4 / 1,5 - 16 mm <sup>2</sup>		
10 mm / 0.5 Nm			12 mm / 0.8 Nm			12 mm / 1.2 Nm			16 / 1.2 mm/Nm		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
AVK 4	304 130	100	AVK 6	304 140	100	AVK 10	304 150	100	AVK 16	304 160	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli/Slotted	500 602	1 m	Delikli/Slotted	500 602	1 m	Delikli/Slotted	500 602	1 m	Delikli/Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli/Slotted	500 604	2 m	Delikli/Slotted	500 604	2 m	Delikli/Slotted	500 604	2 m	Delikli/Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli/Slotted	500 607	1 m	Delikli/Slotted	500 607	1 m	Delikli/Slotted	500 607	1 m	Delikli/Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP 2.5-10	444 120	100	NPP 2.5-10	444 120	100	NPP 2.5-10	444 120	100	NPP 16	444 160	100
APP 2.5-10	462 120	25	APP 2.5-10	462 120	25	APP 2.5-10	462 120	25	APP 16	462 160	25
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
AD 1	467 919	100	AD 1	467 919	100	AD 1	467 919	100			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 4/2	474 132	25	UK 6/2	474 142	25	UK 10/2	474 152	25	UK 16/2	474 162	25
UK 4/3	474 133	20	UK 6/3	474 143	20	UK 10/3	474 153	20	UK 16/3	474 163	20
UK 4/4	474 134	15	UK 6/4	474 144	15	UK 10/4	474 154	15	UK 16/4	474 164	15
UK 4/10	474 139	5	UK 6/10	474 149	5	UK 10/10	474 159	5	UK 16/10	474 169	5
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
TKO 4/2	476 272	25	TKO 6/2	476 282	25	TKO 10/2	476 292	25			
TKO 4/3	476 273	20	TKO 6/3	476 283	20	TKO 10/3	476 293	20			
TKO 4/4	476 274	15	TKO 6/4	476 284	15	TKO 10/4	476 294	15			
TKO 4/10	476 279	5	TKO 6/10	476 289	5	TKO 10/10	476 299	5			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
TF (Ø 2.3)	493 023	5	TF (Ø 2.3)	493 023	5	TF (Ø 2.3)	493 023	5	TF (Ø 4)	493 040	5
TF (Ø 4)	493 040	5	TF (Ø 4)	493 040	5	TF (Ø 4)	493 040	5	TSK 8 (Ø 4)	490 080	5
TSK 4 (Ø 2.3)	490 040	5	TSK 4 (Ø 2.3)	490 040	5	TSK 4 (Ø 2.3)	490 040	5	ITK 32 (Ø 4)	492 020	5
TSK 7 (Ø 4)	490 070	5	TSK 7 (Ø 4)	490 070	5	TSK 7 (Ø 4)	490 070	5			
ITK 28 (Ø 4)	492 010	5	ITK 28 (Ø 4)	492 010	5	ITK 28 (Ø 4)	492 010	5			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
IP 2 S	498 130	25	IP 2 S	498 130	25	IP 2 S	498 130	25	IP 3 S	498 143	25
IP 2	498 140	25	IP 2	498 140	25	IP 2	498 140	25	IP 3	498 145	25
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50	GE	496 119	50
GE 2	496 250	25	GE 2	496 250	25	GE 2	496 250	25	GE 3	496 255	10
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME3	496 300	50	ME3	496 300	50	ME3	496 300	50	ME3	496 300	50
DY 5 DB 10/5 DB 10/6 DG 6/5			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5		
DG 10/5 DG 10/6			DG 10/5 DG 10/6 DG 10/8			DG 10/5 DG 10/6 DG 10/8 DG 10/10			DG 10/5 DG 10/6 DG 10/8 DG 10/10		
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 41 A			0.2 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> / 57 A			0.5 - 16 mm <sup>2</sup> / 16 mm <sup>2</sup> / 76 A			1.5 mm <sup>2</sup> / 25 mm <sup>2</sup> - 25 mm <sup>2</sup> / 101 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / B4			1 / B5			1 / B6			1 / B7		
IP20 / -			IP20 / -			IP20 / -			IP20		

AVK serisi ray klemensleri termoplast hammaddeden yapılmıştır. Ana rengi gri olmakla beraber 6 ayrı renkte imal edilen AVK serisi klemensler bu sayede kullanıcıya gruplama yapma imkanı sağlar.

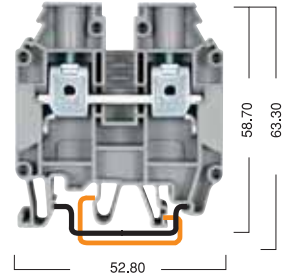
AVK type terminals are manufactured from thermoplastic raw material. Grey as being the main colour, 6 different colours give users chance for grouping.

**AVK Serisi  
Ray Klemensleri  
ve Aksesuarları**

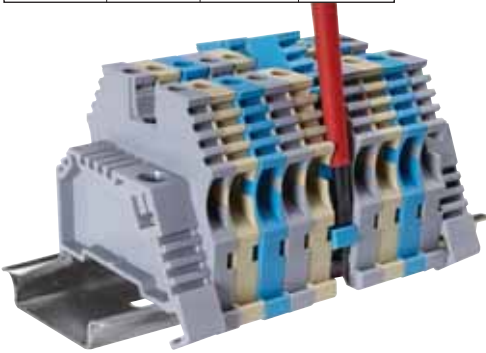
**Feed-Through Terminals  
and Accessories**

**AVK 16 RD**

Kalınlık / Width 12 mm  
304 240



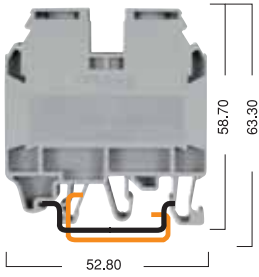
Renkler Colors	Klemensler Terminals	Nihayet Plakaları End Plate	Ayrırma Plakaları Partition
	Sip.No./Cat.No.	Sip.No./Cat.No.	Sip.No./Cat.No.
	<b>AVK 16 RD</b>	<b>NPP</b>	<b>APP</b>
GRI-GREY	304 240	444 170	462 170
MAVI-BLUE	304 241	444 171	462 171
YESİL-GREEN	304 242	444 172	462 172
SARI-YELLOW	304 243	444 173	462 173
KIRMIZI-RED	304 244	444 174	462 174
BEJ-BEIGE	304 249	444 179	462 179
	<b>AVK 35 RD</b>		<b>APP</b>
GRI-GREY	304 250		462 180
MAVI-BLUE	304 251		462 181
YESİL-GREEN	304 252		462 182
SARI-YELLOW	304 253		462 183
KIRMIZI-RED	304 254		462 184
BEJ-BEIGE	304 259		462 179
	<b>AVK 35 IRD</b>		<b>APP</b>
GRI-GREY	304 260		462 180
MAVI-BLUE	304 261		462 181
YESİL-GREEN	304 262		462 182
SARI-YELLOW	304 263		462 183
KIRMIZI-RED	304 264		462 184
BEJ-BEIGE	304 265		462 189
	<b>AVK 170</b>		
GRI-GREY	304 190		
MAVI-BLUE	304 191		
YESİL-GREEN	304 192		
SARI-YELLOW	304 193		
KIRMIZI-RED	304 194		
BEJ-BEIGE	304 199		



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
TSE / CE (EN 60947-7-1)	750 V ~ / 76 A / 16 mm <sup>2</sup>		
VDE için / VDE (IEC 60947-7-1)			
UL / CSA için // UL / CSA	600 V ~ / 80 A / AWG 12-4		
ATEX	630 V ~ / 76 A		
Bağlantı Bilgileri / Connection Data			
• Tekli İletken, Pabuç bağlantılı - Çuklu İletken, Pabuç bağlantılı Solid Strand, Faston Connection - Fine Strand, Faston Connection	1,5 - 25 mm <sup>2</sup> / 1,5 - 25 mm <sup>2</sup>		
• AWG İletken / Yükseklikli Çuklu İletken - AWG Conductor / Fine Strand with Ferrule	12 - 4 / 1,5 - 16 mm <sup>2</sup>		
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	16 mm / 1,2 Nm		
Sipariş Bilgileri / Ordering Data			
Poliamide 66	GRI / GREY		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
AVK 16 RD	304 240	50	
Montaj Rayları / Mounting Rails			
MR 32	MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x15 MR 35x15 Delikli / Slotted	
DIN EN 50035	DIN EN 50022	DIN EN 50022	
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
MR 35x7,5	500 601	1 m	
Delikli/Slotted	500 602	1 m	
MR 35x7,5	500 603	2 m	
Delikli/Slotted	500 604	2 m	
MR 32	500 101	1 m	
MR 35x15	500 606	1 m	
Delikli/Slotted	500 607	1 m	
Durdurucu / End Bracket			
Kalınlık / Thickness 8 mm	KD6 & MR 35 İçin/For GRI/GREY		
	MR 35 İçin/For GRI / GREY		
	MR 35 İçin/For GRI / GREY		
	MR 35 İçin/For BEJ / BEIGE		
KD 3	KD 4	KD 7	
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
KD 3	495 049	100	
KD 4	495 059	100	
KD 7	495 219	50	
Nihayet Plakası / End Plate - Ayrırma Plakası / Partition			
Kalınlık / Thickness 1,5 mm	Poliamide 66		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
NPP / AVK 16 RD	444 170	100	
APP / AVK 16 RD	462 170	25	
APP / AVK 35 RD			
Üst Köprü / Cross Connection			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
UK 16/2	474 162	25	
UK 16/3	474 163	20	
UK 16/4	474 164	15	
UK 16/10	474 169	5	
Ayrırma Dili / Small Partition			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
AD 3	468 059	100	
Test Fişi-Kov. / İzoleli Test Kov. / Test Plug-Soc. / Ins. Test Soc.			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
TF (Ø 4)	493 040	5	
TSK 9 (Ø 4)	490 090	5	
İkaz Plakası / Warning Label			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
IP 3 S	498 143	25	
IP 3	498 145	25	
Grup Etiket / Group Marking			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
GE (Kd7 ile kullanılmaktadır / Used with KD7)	GRI / GREY	496 119	50
GE 3	BEYAZ / WHITE	496 255	10
ME	ŞEFFAF/TRANSPARENT	496 13A	25
ME 3	ŞEFFAF/TRANSPARENT	496 300	50
Klemens Etiket / Marking Tags (Dekafix)			
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DB 10/5 DB 10/6 DB 10/6,5		
Not: ME ürünü, KD4, KD6, KD6 A ve KD6 T ile kullanılır. Note: ME use in KD4, KD6, KD6 A and KD6 T end stoppers.	DG 6/5 DG 10/5 DG 10/6 DG 10/8 DG 10/10		
	0,3 x 5 Şerit Etiket		
Teknik Bilgiler / Technical Data			
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	1,5 mm <sup>2</sup> / 25 mm <sup>2</sup> - 25 mm <sup>2</sup> / 101 A		
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3		
• Yalıtım malzeme grubu / Beyan kablo mastar kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B7		
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -		

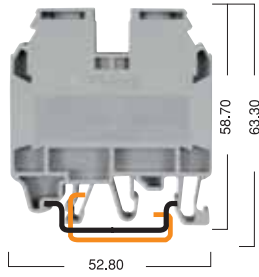
**AVK 35 RD**

Kalınlık / Width 16 mm  
304 250



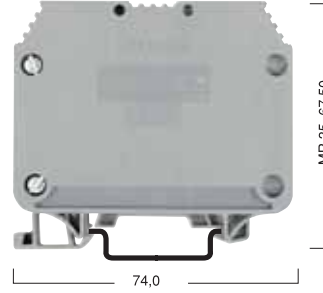
**AVK 35 IRD**

Kalınlık / Width 16 mm  
304 260



**AVK 70**

Kalınlık / Width 22 mm  
304 190



Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section	
750 V ~ / 125 A / 35 mm <sup>2</sup>	750 V ~ / 125 A / 35 mm <sup>2</sup>	750 V ~ / 192 A / 70 mm <sup>2</sup>	
600 V ~ / 115 A / AWG 12-2	600 V ~ / 115 A / AWG 12-2	600 V / 175 A / AWG 6-2/0	
630 V ~ / 125 A		750 V / 176 A / 70 mm <sup>2</sup>	
1.5 - 50 mm <sup>2</sup> / 1.5 - 35 mm <sup>2</sup>	1.5 - 50 mm <sup>2</sup> / 1.5 - 35 mm <sup>2</sup>	10 - 70 mm <sup>2</sup> / 16 - 70 mm <sup>2</sup>	
12 - 2 / 1.5 - 35 mm <sup>2</sup>	12 - 2 / 1.5 - 35 mm <sup>2</sup>	6 - 00 / 16 - 70 mm <sup>2</sup>	
18 mm / 2.5 Nm	18 mm / 3 Nm	20 mm / 6 Nm	
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type
AVK 35 RD	304 250	40	AVK 35 IRD
			304 260
			40
			AVK 70
			304 190
			10
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type
MR 35x7,5	500 601	1 m	MR 35x7,5
Delikli/Slotted	500 602	1 m	Delikli/Slotted
MR 35x7,5	500 603	2 m	MR 35x7,5
Delikli/Slotted	500 604	2 m	Delikli/Slotted
MR 32	500 101	1 m	MR 32
MR 35x15	500 606	1 m	MR 35x15
Delikli/Slotted	500 607	1 m	Delikli/Slotted
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type
KD 3	495 049	100	KD 3
KD 4	495 059	100	KD 4
KD 7	495 219	50	KD 7
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type
APP / AVK 35 RD	462 180	25	APP / AVK 35 RD
APP / AVK 35 RD	462 181	25	APP / AVK 35 RD
APP / AVK 35 RD	462 182	25	APP / AVK 35 RD
APP / AVK 35 RD	462 183	25	APP / AVK 35 RD
APP / AVK 35 RD	462 184	25	APP / AVK 35 RD
APP / AVK 35 RD	462 189	25	APP / AVK 35 RD
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type
UK 35/2	474 172	25	UK 35/2
UK 35/3	474 173	20	UK 35/3
UK 35/4	474 174	15	UK 35/4
UK 35/10	474 179	5	UK 35/10
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type
AD 3	468 059	100	AD 3
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type
TF (Ø 4)	493 040	5	TF (Ø 4)
TSK 9 (Ø 4)	490 090	5	TSK 9 (Ø 4)
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type
IP 3 S	498 143	25	IP 3 S
IP 3	498 145	25	IP 3
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type
GE	496 119	50	GE
GE 3	496 255	10	GE 3
ME	496 13A	25	ME
ME 3	496 300	50	ME 3
DY 5 DB 10/5 DB 10/6 DB 10/6,5	DY 5 DB 10/5 DB 10/6 DB 10/6,5	DY 5 DB 10/5 DB 10/6 DB 10/6,5	
DG 6/5 DG 10/5 DG 10/6 DG 10/8	DG 6/5 DG 10/5 DG 10/6 DG 10/8	DG 6/5 DG 10/5 DG 10/6 DG 10/8	
DG 10/10 0.3 x 5 Şerit Etiket	DG 10/10 0.3 x 5 Şerit Etiket	DG 10/10	
1.5 mm <sup>2</sup> / 50 mm <sup>2</sup> - 50 mm <sup>2</sup> / 125 A	1.5 mm <sup>2</sup> / 50 mm <sup>2</sup> - 50 mm <sup>2</sup> / 125 A	10 mm <sup>2</sup> / 70 mm <sup>2</sup> - 70 mm <sup>2</sup> / 192 A	
8 kV / 3	8 kV / 3	8 kV / 3	
1 / B9	1 / B9	1 / B11	
IP20 / -	IP20 / -	IP10 / -	

Pabuç bağlantılı baralı tip yüksek akım klemenslerine alternatif olarak üretilen, ve vidalı AVK serimizin devamı olan bu klemensler, her kesitte üst köprü kullanımına olanak sağlayarak, zaman avantajını kullanıcılara sunmaktadır.

Daha düşük kesitteki iletkenler ile ek almayı kolaylaştıran ve güvenilir hale getiren aksesuarlarının yanısıra, standart dekafiglerden daha büyük olan özel dekafigleri ile pratik kodlanabilmektedir.

Pabuç bağlantısı yapmanın zor olacağı dar noktalarda, kolay montaj ve yalıtım avantajında oluşturan klemenslerin birbirine pimler ile geçmesi, rayda sağlam bir tutunma performansı sağlamaktadır.

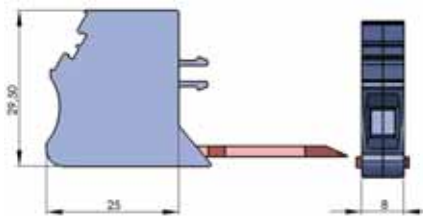
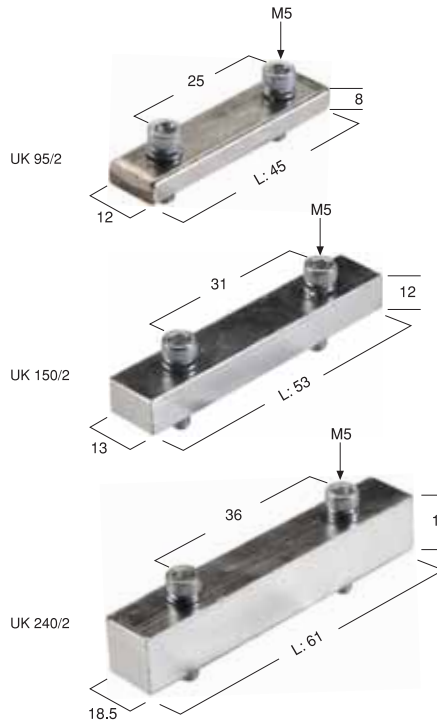
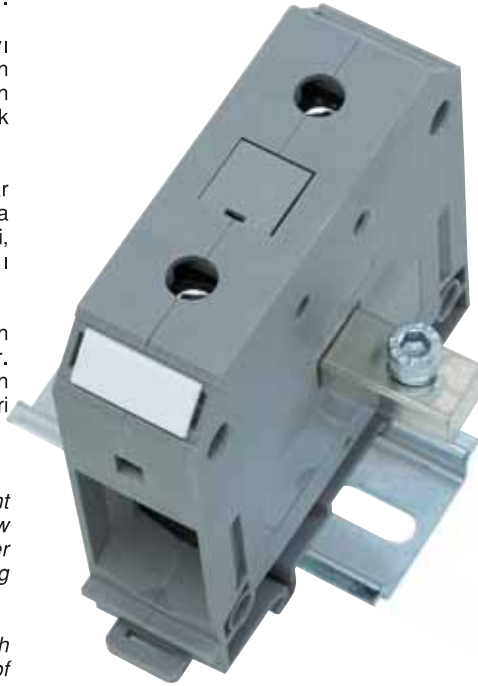
Ek 6 klemensleri yüksek kesit klemenslerinden ince kesitli iletkenlerle ek almak için kullanılır. Monte edildiği güç klemensinin kontak vidasının sıklığıyla bağlantısı sağlanır. Ek 6 klemensleri kodlama imkanı sunabilmektedir.

*Manufactured as an alternative for High Current Stud Terminals and so as to complete our screw type (AVK) series, these terminal blocks offer time-saving advantages thanks to their bridging options in all cross sections.*

*Beside the advantages of their accessories which ease and secure connections with conductors of lower cross sections, these terminal blocks can be easily labelled by specially designed (larger than standard) marking tags.*

*These terminal blocks are fixed to each other via pins on sides, providing a rigid performance on DIN Rail and easy montage advantages especially in constricted environments where connection with Stud Terminals can be difficult.*

*EK-6 terminals are used in taking additional cable (for signals etc.) from high current (big cross sectioned) terminal blocks. The connection is secured by tightening the screw of the high current terminal on which EK-6 is mounted. The same marking tags used in standard terminal blocks can be used in marking EK-6.*



## Güç Bağlantılı Ray Klemensleri High Current Terminals



### Anma Değerleri / Electrical Ratings

CE (EN 60947-7-1)  
UL / CSA için // UL / CSA  
ATEX

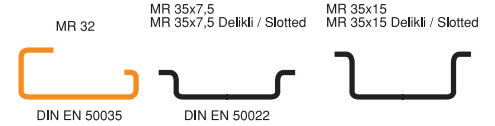
### Bağlantı Bilgileri / Connection Data

- Tekli İletken Vıda bağlantılı - Çoklu İletken, Vıda bağlantılı  
Solid Strand, Screw Connection - Fine Strand, Screw Connection
- AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule
- Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque

### Sipariş Bilgileri / Ordering Data

GRI / GREY

### Montaj Rayları / Mounting Rails



### Durdurucu / End Bracket

Kalınlık / Thickness 8 mm

MR 35 için/For  
GRI/GREY - BEJ/BEIGE



### Üst Köprü / Cross - Connection



### Grup Etiketleri / Group Marking



GRI / GREY  
ŞEFFAF / TRANSPARENT

### AVK / EK6

Gerilim/Akım/Kesit / Voltage/Current/Cross-section  
IEC 60947-7-1 750 V / 41 A / 6 mm<sup>2</sup>  
Kablo Soyma Boyu/Insulation Stripping Length  
12 mm



### Klemens Etiketleri / Marking Tags (Dekafix)

DY 5 DB 10/5 DG 6/5 DG 10/5 DB 10/6 DB 10/6.5 DG 10/8 DG 10/6

### Klemens Etiketleri / Marking Tags (Dekafix)

Dekafix kullanımı için 104. sayfaya bakınız.  
See page 104. for the usage of dekafig.

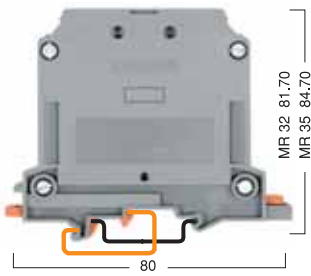
### Teknik Bilgiler / Technical Data

- Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri  
Max. clamping range / Max. technical data
- Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity
- Yalıtım malzeme grubu / Beyan kablo master kodu -  
Insulation material group / Gauge pin code according to IEC 60947-1
- Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type

Tornavida kullanımı için sayfa 115'e bakınız  
See page 115 for usage of screwdriver

**AVK 50**

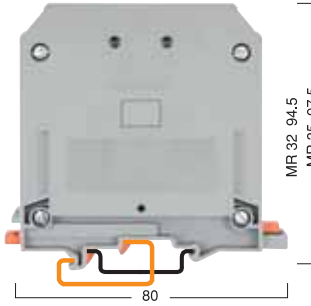
Kalınlık / Width 20 mm  
304 330



İmbus Civatalı / Hexagon Socket Screw

**AVK 95**

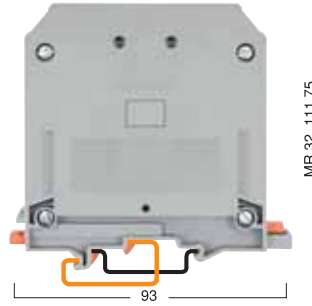
Kalınlık / Width 25 mm  
304 340



İmbus Civatalı / Hexagon Socket Screw

**AVK 150**

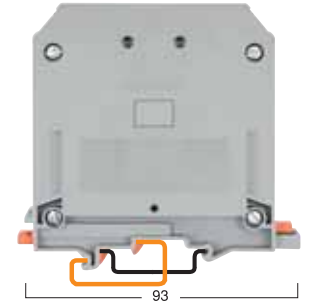
Kalınlık / Width 31 mm  
304 350



İmbus Civatalı / Hexagon Socket Screw

**AVK 240**

Kalınlık / Width 36 mm  
304 360



İmbus Civatalı / Hexagon Socket Screw

Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
1000 V ~ / 150 A / 50 mm <sup>2</sup>			1000 V ~ / 232 A / 95 mm <sup>2</sup>			1000 V ~ / 309 A / 150 mm <sup>2</sup>			1000 V ~ / 415 A / 240 mm <sup>2</sup>		
600 V ~ / 150 A / AWG 6-1/0			600 V ~ / 230 A / AWG 2-4/0			600 V ~ / 270 A / AWG 2-300 kcmil			600 V ~ / 370 A / AWG 2/0 - 500 kcmil		
800 V ~ / 150 A			1000 V ~ / 217 A			1000 V ~ / 281 A			1000 V ~ / 380 A		
16 - 70 mm <sup>2</sup> / 25 - 50 mm <sup>2</sup>			25 - 95 mm <sup>2</sup> / 35 - 95 mm <sup>2</sup>			35 - 150 mm <sup>2</sup> / 50 - 150 mm <sup>2</sup>			50 - 240 mm <sup>2</sup> / 70 - 240 mm <sup>2</sup>		
6 - 0 / 16 - 50 mm <sup>2</sup>			2 - 4/0 / 35 - 95 mm <sup>2</sup>			2 - 300 / 50 - 150 mm <sup>2</sup>			2/0 - 500 / 70 - 240 mm <sup>2</sup>		
20 mm / 6 Nm			25 mm / 6 - 10 Nm			31 mm / 10 - 14 Nm			31 mm / 10 - 14 Nm		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
AVK 50	304 330	25	AVK 95	304 340	6	AVK 150	304 350	4	AVK 240	304 360	4
Tip/Type	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 32	500 101	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
MR 35x15	500 606	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Delikli / Slotted	500 607	1 m	MR 32	500 101	1 m	MR 32	500 101	1 m	MR 32	500 101	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 6	495 099	100	KD 6	495 099	100	KD 6	495 099	100	KD 6	495 099	100
KD 6	495 090	100	KD 6	495 090	100	KD 6	495 090	100	KD 6	495 090	100
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No. L (mm)	Mik./Qty.	Tip/Type	Sip.No./Cat. No. L (mm)	Mik./Qty.	Tip/Type	Sip.No./Cat. No. L (mm)	Mik./Qty.
UK 50/2	478 332	5	UK 95/2	478 342	45	UK 150/2	478 352	53	UK 240/2	478 362	61
UK 50/3	478 333	5	UK 95/3	478 343	70	UK 150/3	478 353	84	UK 240/3	478 363	97
UK 50/4	478 334	5	UK 95/4	478 344	95	UK 150/4	478 354	115	UK 240/4	478 354	133
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 134	25	ME	496 134	25	ME	496 134	25	ME	496 134	25
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
AVK / EK6	304 370 (Gri/Grey)	20	AVK / EK6	304 370 (Gri/Grey)	20	AVK / EK6	304 370 (Gri/Grey)	20	AVK / EK6	304 370 (Gri/Grey)	20
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KOIP SM W			KOIP SM W			KOIP SM W			KOIP SM W		
16 - 70 mm <sup>2</sup> / 70 mm <sup>2</sup> - 192 A			25 - 95 mm <sup>2</sup> / 95 mm <sup>2</sup> - 232 A			35 - 150 mm <sup>2</sup> / 150 mm <sup>2</sup> - 309 A			50 - 240 mm <sup>2</sup> / 240 mm <sup>2</sup> - 415 A		
8 kV / 3			8 kV / 3			8 kV / 3			8 kV / 3		
1 / B10			1 / B12			1 / B14			1 / A16		
IP10 / -			IP10 / -			IP10 / -			IP10 / -		

AVK B ray klemensleri yüksek akım taşıyan kabloların güvenli bir şekilde bağlanabilmeleri için tasarlanmıştır. Kablo bağlantısı kablo pabuçlarıyla yapılmaktadır. Koruma kapağı, farklı standarttaki kablo pabuçlarının kullanımına olanak verecek şekilde tasarlanmıştır.

4 kutba kadar üst köprüleme yapabilmek mümkündür. Özel tasarlanan yapısı sayesinde hem MR 32 hemde MR 35 rayda kullanılabilir. Sabitleme vidası yardımıyla klemensin ray üzerinde daha sağlıklı durması sağlanmaktadır.

*AVK B type rail mounted terminal blocks are developed in order to have safe connection of high current carrying conductors. In this type of rail terminals, cable connection is done by cable lugs connected to the tips of the conductor. Isolation cover is designed for cable lugs having different dimensions. Cross connection up to 4 poles is available. Due to its universal structure, it is possible to mount AVK B on MR 32 & MR 35 rails. A fixing screw is available in order to maintain a more secure mounting on to the DIN rail.*



İzolasyon kapağı farklı boyutlardaki SKP pabuçlara uyum sağlaması için kesilebilir.

*Isolation cover can be managed to fit different cable lugs.*



## Pabuç Bağlantılı Ray Klemensleri High Current Terminals



### Anma Değerleri / Electrical Ratings

CE (EN 60947-7-1)

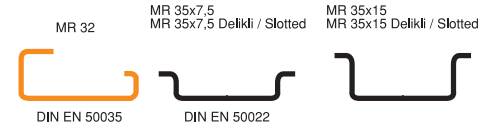
### Bağlantı Bilgileri / Connection Data

- Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı  
Solid Strand, Screw Connection - Fine Strand, Screw Connection
- AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule
- Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque

### Sipariş Bilgileri / Ordering Data

GRI / GREY

### Montaj Rayları / Mounting Rails



### İzolasyon Kapağı / Isolation Cover

GRI / GREY



### Durdurucu / End Bracket

Kalınlık / Thickness 8 mm



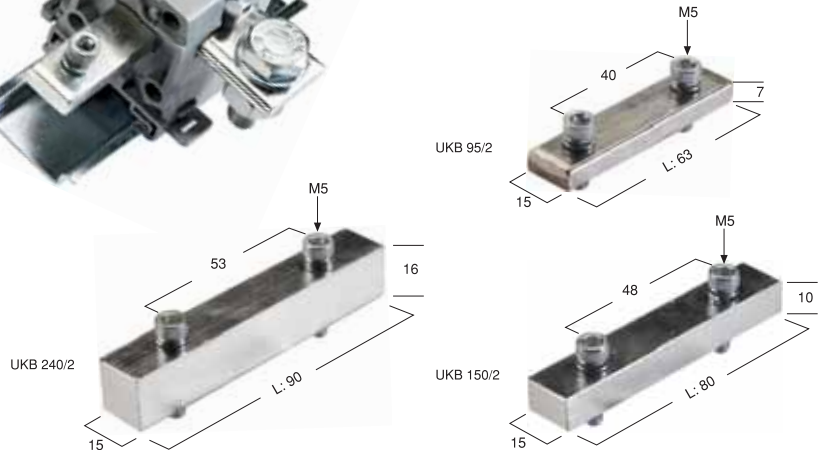
### Grup Etiketi / Group Marking

MR 35 için/For GRI/GREY

MR 35 için/For BEJ/BEIGE



### Üst Köprü / Cross - Connection



### Klemens Etiketi / Marking Tags (Dekafix)

Dekafix kullanımı için 104. sayfaya bakınız.

See page 104, for the usage of dekafix.

### Teknik Bilgiler / Technical Data

- Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri  
Max. clamping range / Max. technical data
- Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity
- Yalıtım malzeme grubu / Beyan kablo master kodu -
- İzolasyon malzeme grubu / Gauge pin code according to IEC 60947-1
- Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type

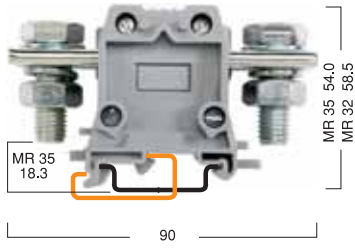
Tornavida kullanımı için sayfa 115'e bakınız

See page 115 for usage of screwdriver



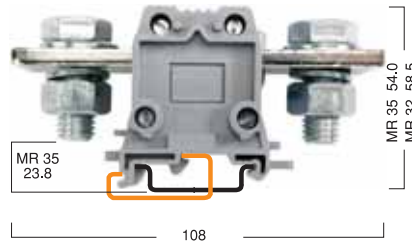
**AVK 95 B**

Kalınlık / Width 40 mm  
304 300



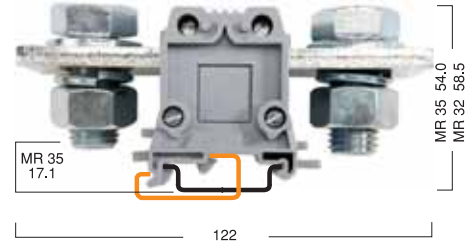
**AVK 150 B**

Kalınlık / Width 48 mm  
304 310



**AVK 240 B**

Kalınlık / Width 53 mm  
304 320



Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
1000 V ~ / 232 A / 95 mm <sup>2</sup>	1000 V ~ / 309 A / 150 mm <sup>2</sup>	1000 V ~ / 415 A / 240 mm <sup>2</sup>

95 mm <sup>2</sup> / 95 mm <sup>2</sup>	150 mm <sup>2</sup> / 150 mm <sup>2</sup>	240 mm <sup>2</sup> / 240 mm <sup>2</sup>
3/0 / 95 mm <sup>2</sup>	300 KCMIL / 150 mm <sup>2</sup>	500 KCMIL / 240 mm <sup>2</sup>
.... / 4 Nm	.... / 6 Nm	.... / 8 Nm

Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
AVK 95 B	304 300	4	AVK 150 B	304 310	4	AVK 240 B	304 320	4

Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
MR 32	500 101	1 m	MR 32	500 101	1 m	MR 32	500 101	1 m

Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KKB 95	466 100	4	KKB 150	466 110	4	KKB 240	446 120	4

Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 6	478 099	100	KD 6	478 099	100	KD 6	478 099	100
KD 6	478 090	100	KD 6	478 090	100	KD 6	478 090	100
ME	496 134	25	ME	496 134	25	ME	496 134	25

Tip/Type	Sip.No./Cat. No.	L (mm)	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	L (mm)	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	L (mm)	Mik./Qty.
UKB 95/2	478 302	63	5	UKB 150/2	478 312	80	5	UKB 240/2	478 322	90	5
UKB 95/3	478 303	103	5	UKB 150/3	478 313	128	5	UKB 240/3	478 323	143	5
UKB 95/4	478 304	143	5	UKB 150/4	478 314	176	5	UKB 240/4	478 324	196	5

DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8	DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8	DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8
--	--	--

95 mm <sup>2</sup> / 95 mm <sup>2</sup> - 232 A 8 kV / 3 1 / - IP10 / -	150 mm <sup>2</sup> / 150 mm <sup>2</sup> - 309 A 8 kV / 3 1 / - IP10 / -	240 mm <sup>2</sup> / 240 mm <sup>2</sup> - 415 A 8 kV / 3 1 / - IP10 / -
--	--	--

Topraklama bağlantıları ile ilgili, düşük kontak direnci, korozyona dayanıklı bağlantı noktaları, güvenli vidalar gibi önemli IEC gerekliliklerinin tamamı KLEMSAN topraklama klemenslerinde mevcuttur. Sarı-yeşil renkleri ile diğer klemenslerden ayırd edilmeleri çok kolaydır.

Topraklama klemensleri montaj rayının yalnızca mekaniksel olarak değil, elektriksel olarak kullanılması prensibi ile tasarlanmıştır. Bu nedenle topraklama klemensleri diğer klemenslerle yanyana kullanılabilir.

*The strict IEC requirement imposed on ground connections, such as low contact resistance, corrosion-free connection points, secured screws, green-yellow colour coding and clear circuit identification are fully observed by the KLEMSAN earth terminal blocks.*

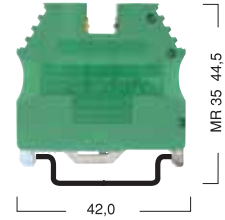
*The structural design of the earth terminal blocks is based on the fact that the mounting rail is used not only mechanically, but also electrically, i.e. as a ground (PE) busbar. Therefore it is possible to position the earth terminal blocks directly next to the phase conductor terminals.*




## AVK T Serisi Topraklama Klemensleri

### AVK T Series Earth Terminals

## AVK 2,5 / 4 T

Kalınlık / Width 6 mm  
334 120



Anma Değerleri / Electrical Ratings		Gerilim / Akım / Voltage / Current / Cross-section		
TSE / CE (EN 60947-7-2)		- V ~ / - A / 4 mm <sup>2</sup>		
VDE için / VDE (IEC 60947-7-1 / IEC 60947-7-2)		- V ~ / - A / 4 mm <sup>2</sup>		
UL / CSA için // UL / CSA		- V ~ / - A / AWG 26-10		
ATEX		630 V		
Bağlantı Bilgileri / Connection Data				
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection		0,5 - 6 mm <sup>2</sup> / 0,5 - 6 mm <sup>2</sup>		
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule		26 - 10 / 0,5 - 4 mm <sup>2</sup>		
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque		10 mm / 0,5 Nm		
Sipariş Bilgileri / Ordering Data		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66		AVK 2,5 / 4 T	334 120	50
SARI - YEŞİL / YELLOW - GREEN				
Montaj Rayları / Mounting Rails		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	MR 35x15	MR 35x7,5	500 601	1 m
MR 35x7,5 Delikli / Slotted	MR 35x15 Delikli / Slotted	Delikli / Slotted	500 602	1 m
		MR 35x7,5	500 603	2 m
DIN EN 50022	DIN EN 50022	Delikli / Slotted	500 604	2 m
		MR 35x7,5	500 605	30 cm
		MR 35x15	500 606	1 m
		Delikli / Slotted	500 607	1 m
Grup Etiketleri / Group Marking		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
		GE	496 119	50
GRİ / GREY		GE 2	496 250	25
BEYAZ / WHITE				
Klemens Etiketleri / Marking Tags (Dekafix)				
Dekafix kullanımı için 104. sayfaya bakınız.		DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6		
See page 104. for the usage of dekafix.				
Teknik Bilgiler / Technical Data				
• Bağlanabilen max İletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data		0,2 - 4 mm <sup>2</sup> / 6 mm <sup>2</sup> - ....		
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity		8 kV / 3		
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1		1 / B4		
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type		IP20 / PE		

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver



Topraklama bağlantıları ile ilgili, düşük kontak direnci, korozyona dayanıklı bağlantı noktaları, güvenli vidalar gibi önemli IEC gerekliliklerinin tamamı KLEMSAN topraklama klemenslerinde mevcuttur. Sarı-yeşil renkleri ile diğer klemenslerden ayırd edilmeleri çok kolaydır.

Topraklama klemensleri montaj rayının yalnızca mekaniksel olarak değil, elektriksel olarak kullanılması prensibi ile tasarlanmıştır. Bu nedenle topraklama klemensleri diğer klemenslerle yan yana kullanılabilir.

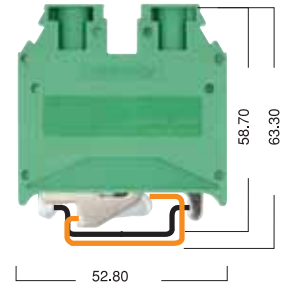
*The strict IEC requirement imposed on ground connections, such as low contact resistance, corrosion-free connection points, secured screws, green-yellow colour coding and clear circuit identification are fully observed by the KLEMSAN earth terminal blocks.*

*The structural design of the earth terminal blocks is based on the fact that the mounting rail is used not only mechanically, but also electrically, i.e. as a ground (PE) busbar. Therefore it is possible to position the earth terminal blocks directly next to the phase conductor terminals.*

**AVK T Serisi Topraklama Klemensleri**  
*AVK T Series Earth Terminals*

**AVK 16 T RD**

Kalınlık / Width 12 mm  
334 200



Anma Değerleri / Electrical Ratings	Gerilim / Akım / Voltage / Current / Cross-section
CE (EN 60947-7-2)	- V ~ / - A / 16 mm <sup>2</sup>
VDE için / VDE (IEC 60947-7-1 / IEC 60947-7-2)	
UL / CSA için // UL / CSA	- V ~ / - A / 16 mm <sup>2</sup>
ATEX	630 V

Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection	1.5 - 25 mm <sup>2</sup> / 1.5 - 25 mm <sup>2</sup>
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	12 - 4 / 1.5 - 16 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	16 mm / 1.2 Nm

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66	AVK 16 T RD	334 200	50

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x7,5 Delikli / Slotted	500 601 500 602	1 m 1 m
MR 35x15 MR 35x15 Delikli / Slotted	MR 35x15 Delikli / Slotted	500 603 500 604 500 606 500 607	2 m 2 m 1 m 1 m
MR 32	MR 32	500 101	1 m
DIN EN 50022	DIN EN 50022		
DIN EN 50035			

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GRİ / GREY	GE	496 119	50
BEYAZ / WHITE	GE 3	496 255	10



Klemens Etiketleri / Marking Tags (Dekafix)	
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8 DG 10/10 0.3 x 5 Şerit Etiket

Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	1.5 - 25 mm <sup>2</sup> / ... - ...
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B9
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / PE

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver



Vidalı bağlantı klemenslerinde kullanılan, standart vidalı üst köprülerin yerine, daha pratik olan yay baskılı üst köprüleri kullanabileceğiniz AVK 2,5 RD ve AVK 4 RD klemensleri, aynı zamanda tarak köprü ilede köprülenebilmektedir.

6 ayrı renk seçeneği ile otomasyon sistemlerinizde güvenle ve hızla kullanabileceğiniz RD serisi, topraklama klemenslerinde de vidasız ve pratik montaj yapma kolaylığını sağlamaktadır.

AVK RD serisi klemensler, normal dekafixler ile kodlanabildiği gibi, termal yazıcı şerit etiketlerine uygun olarakda kodlanabilmektedir.

AVK serisinin ikili bağlantı çeşidi olan AVK CC, dört iletken kablunun tek bir potansiyelde bağlanmasına izin verir. Bu sebeple kompakt potansiyel dağıtıcı olarak kullanılabilir.

AVK 2.5 RD and AVK 4 RD Terminal Blocks are designed to allow spring clamp cross connections, which are more practical and time-saving, instead of the screw type cross connections used in screw connection terminals. Additionally, RD types can also be cross connected by comb connectors.

RD series, with their safety and practicality, are suitable for use in automation systems, 6 different colour options give users chance for grouping.

AVK RD series are suitable for coding with termal printer strip marking tags, as well as standard marking tags.

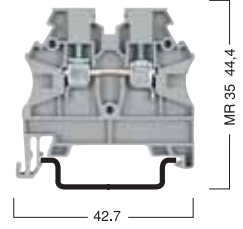
AVK CC, a double connection type of AVK, allows 4 conductive cables to be connected in one flow. By this reason it can be used as a compact potential distributor.

## AVK RD Serisi Ray Klemensleri ve Aksesuarları

### Feed-Through Terminals and Accessories

## AVK 2.5 RD

Kalınlık / Width 5 mm  
304 200



Anma Değerleri / Electrical Ratings	Gerilim/Akm/Kesit / Voltage/Current/Cross-section
CE (EN 60947-1)	750 V ~ / 24 A / 2,5 mm <sup>2</sup>
UL / CSA için // UL / CSA	600 V ~ / 20 A / AWG 26-12
ATEX	630 V ~ / 23 A

Bağlantı Bilgileri / Connection Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
• Tekli İletken,Vida bağlantılı - Çoklu İletken,Vida bağlantılı Solid Strand,Screw Connection - Fine Strand,Screw Connection	0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>		
• AWG İletken / Yüksüklü Çoklu iletken - AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	10 mm / 0.4 Nm		

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Polyamide 66	AVK 2,5 RD	304 200	100

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x7,5 Delikli/Slotted	500 601	1 m
MR 35x15 MR 35x15 Delikli / Slotted	MR 35x15 Delikli/Slotted	500 602	1 m
	MR 35x7,5	500 603	2 m
	MR 35x15	500 604	2 m
	MR 35x15	500 606	1 m
	MR 35x15	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 8 mm	KD 3	495 049	100
MR 35 için/For GRİ/GREY	KD 4	495 059	100
MR 35 için/For GRİ/GREY	KD 7	495 219	50

Nihayet Plakası / End Plate - Ayırma Plakası / Partition	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 1,5 mm	NPP 2,5-10	444 120	100
Polyamide 66	APP 2,5-10	462 120	25

PYK Test / Test PYK	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	PYK Test	498 559	25

Üst Köprü / Cross Connection	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Tarak Köprü / Comb Connector	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	TKO 2,5/2	476 262	25
	TKO 2,5/3	476 263	20
	TKO 2,5/4	476 264	15
	TKO 2,5/10	476 269	5

İkaz Plakası / Warning Label	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Sembollü / With symbol	IP 2 S	498 130	25
Sembolsüz / Without symbol	IP 2	498 140	25

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GRİ / GREY	GE	496 119	50
BEYAZ/WHITE	GE 2	496 250	25
ŞEFFAF/TRANSPARENT	ME	496 13A	25
ŞEFFAF/TRANSPARENT	ME 3	496 300	50

Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DB 10/5 DG 6/5 DG 10/5		
	0.3x5 Şerit Etiket		

Teknik Bilgiler / Technical Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
• Bağlanabilen max iletken kesit aralığı / Max.kesite karşılık gelen akım değeri Max.clamping range / Max. technical data	0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32A		
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3		
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3		
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -		

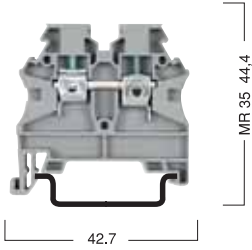
Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver

Renkler Colors	Klemensler Terminals	Nihayet Plakaları End Plate	Ayırma Plakaları Partition
	Sip.No./Cat.No.	Sip.No./Cat.No.	Sip.No./Cat.No.
	<b>AVK 2,5 RD</b>	<b>NPP</b>	<b>APP</b>
GRİ-GREY	304 200	444 120	462 120
MAVİ-BLUE	304 201	444 121	462 121
YEŞİL-GREEN	304 202	444 122	462 122
SARI-YELLOW	304 203	444 123	462 123
KIRMIZI-RED	304 204	444 124	462 124
BEJ-BEIGE	304 209	444 129	462 129
	<b>AVK 4 RD</b>	<b>NPP</b>	<b>APP</b>
GRİ-GREY	304 210	444 120	462 120
MAVİ-BLUE	304 211	444 121	462 121
YEŞİL-GREEN	304 212	444 122	462 122
SARI-YELLOW	304 213	444 123	462 123
KIRMIZI-RED	304 214	444 124	462 124
BEJ-BEIGE	304 219	444 129	462 129
	<b>AVK 2,5 CC</b>	<b>NPP</b>	
GRİ-GREY	324 909	444 139	
BEJ-BEIGE	324 900	444 130	
	<b>AVK 4 GD</b>	<b>NPP</b>	
GRİ-GREY	304 270	444 140	
BEJ-BEIGE	304 279	444 149	
	<b>AVK 10RD4</b>		
GRİ-GREY	304 289		
BEJ-BEIGE	304 280		



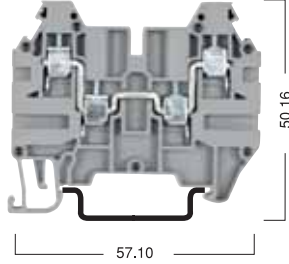
**AVK 4 RD**

Kalınlık / Width 6 mm  
304 210



**AVK 2.5 CC**

Kalınlık / Width 5 mm  
324 909



**AVK 4 GD**

Kalınlık / Width 6 mm  
304 270



**AVK 10 RD4**

Kalınlık / Width 10 mm  
304 289



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
750 V ~ / 32 A / 4 mm <sup>2</sup>			750 V ~ / 24 A / 2.5 mm <sup>2</sup>			500 V ~ / 24 A / 4 mm <sup>2</sup>			800 V ~ / 57 A / 10 - 4 mm <sup>2</sup>		
600 V ~ / 30 A / AWG 26-10			600 V ~ / 20 A / AWG 26-12								
630 V ~ / 29 A			630 V ~ / 24 A								
0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			1.5 - 16 mm <sup>2</sup> / 1.5 - 16 mm <sup>2</sup>		
26 - 10 / 0.5 - 4 mm <sup>2</sup>			26 - 12 / 0.5 - 2.5 mm <sup>2</sup>			26 - 10 / 0.5 - 4 mm <sup>2</sup>			16 - 6 / 0.5 - 10 mm <sup>2</sup>		
10 mm / 0.5 Nm			10 mm / 0.5 Nm			9 mm / 0.5 Nm			10 - 7 mm / 1.5 Nm		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
AVK 4 RD	304 210	100	AVK 2.5 CC	324 909	100	AVK 4 GD	304 270	100	AVK 10RD4	304 289	60
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli/Slotted	500 602	1 m	Delikli/Slotted	500 602	1 m	Delikli/Slotted	500 602	1 m	Delikli/Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli/Slotted	500 604	2 m	Delikli/Slotted	500 604	2 m	Delikli/Slotted	500 604	2 m	Delikli/Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli/Slotted	500 607	1 m	Delikli/Slotted	500 607	1 m	Delikli/Slotted	500 607	1 m	Delikli/Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP 2.5-10	444 120	100	NPP AVK 2.5 CC	444 139	25	NPP AVK 4 GD	444 140	25			
APP 2.5-10	462 120	25									
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK Test	498 559	25									
PYK Test-A	498 659	25									
<i>(Gruplamalarda PYK Test-A kullanılır PYK Test-A is used for grouping)</i>											
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 4/2	476 232	25	UK 2.5/2	476 222	25	UK 4/2	476 232	25	UK 10/2	474 152	25
UK 4/3	476 233	20	UK 2.5/3	476 223	20	UK 4/3	476 233	20	UK 10/3	474 153	20
UK 4/4	476 234	15	UK 2.5/4	476 224	15	UK 4/4	476 234	15	UK 10/4	474 154	15
UK 4/10	476 239	5	UK 2.5/10	476 229	5	UK 4/10	476 239	5	UK 10/10	474 159	5
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
TKO 4/2	476 272	25				TKO 4/2	476 272	25			
TKO 4/3	476 273	20				TKO 4/3	476 273	20			
TKO 4/4	476 274	15				TKO 4/4	476 274	15			
TKO 4/10	476 279	5				TKO 4/10	476 279	5			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
IP 2 S	498 130	25									
IP 2	498 140	25									
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50						
GE 2	496 250	25									
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5			DY 5 DB 10/5 DG 6/5 DG 10/5			DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5			DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5		
DG 10/6 0.3x5 Şerit Etiket			0.3x5 Şerit Etiket			DG 10/6 0.3x5 Şerit Etiket			DG 10/6 DG 10/8 DG 10/10 0.3x5 Şerit Etiket		
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 41A			0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32A			0.2 - 6 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32A			0.5 - 16 mm <sup>2</sup> / 16 mm <sup>2</sup> - 76A		
8 kV / 3			8 kV / 3			8 kV / 3			6 kV / 3		
1 / B4			1 / B3			1 / B4			1 / B6 - A4		
IP20 / -			IP20 / -			IP20 / -			IP20 / -		

6 ayrı renk seçeneği ile otomasyon sistemlerinizde güvenle ve hızla kullanabileceğiniz RD serisi, topraklama klemenslerinde de vidasız ve pratik montaj yapma kolaylığını sağlamaktadır.

AVK RD serisi klemensler, normal dekafigsler ile kodlanabildiği gibi, termal yazıcı şerit etiketlerine uygun olarak kodlanabilmektedir.

RD series, with their safety and practicality, are suitable for use in automation systems, 6 different colour options give users chance for grouping.

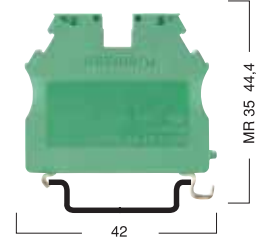
AVK RD series are suitable for coding with thermal printer strip marking tags, as well as standard marking tags.









## AVK RD Serisi Topraklama Klemensleri ve Aksesuarları

### Earth Terminals and Accessories

## AVK 2.5 T RD

Kalınlık / Width 5.75 mm  
334 170



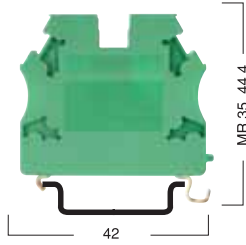
Anma Değerleri / Electrical Ratings		Gerilim/Akım/Kesit / Voltage/Current/Cross-section			
CE (EN 60947-7-2)		~ V /~ A / 2.5 mm <sup>2</sup>			
UL / CSA için // UL / CSA		~ V /~ A /AWG 26-12			
ATEX		630 V			
Bağlantı Bilgileri / Connection Data					
• Tekli İletken,Vida bağlantılı - Çoklu İletken,Vida bağlantılı Solid Strand,Screw Connection - Fine Strand,Screw Connection		0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			
• AWG İletken / Yükseküklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule		26 - 12 / 0.5 - 2.5 mm <sup>2</sup>			
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque		10 mm / 0.5 Nm			
Sipariş Bilgileri / Ordering Data		Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Polyamide 66		AVK 2.5 TRD	334 170	50	
Montaj Rayları / Mounting Rails		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x15 MR 35x15 Delikli / Slotted	MR 35x7,5	500 601	1 m	
		Delikli/Slotted	500 602	1 m	
		MR 35x7,5	500 603	2 m	
		Delikli/Slotted	500 604	2 m	
		MR 35x15	500 606	1 m	
		Delikli/Slotted	500 607	1 m	
Nihayet Plakası / End Plate					
Kalınlık / Thickness 1 mm		Polyamide 66			
		NPP AVK 2.5 CCT			
İkaz Plakası / Warning Label		Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
	İP	Sembollü / With symbol	IP 2 S	498 130	25
	İP 2S	Sembolsüz / Without symbol	IP 2	498 140	25
Grup Etiket / Group Marking		Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
	GE	GRI / GREY	GE	496 119	50
	ME	BEYAZ/WHITE	GE 2	496 250	25
	GE 2	SEFFAF/ TRANSPARENT	ME	496 13A	25
Klemens Etiket / Marking Tags (Dekafix)					
Dekafix kullanımı için 104. sayfaya bakınız.		DY 5 DB 10/5 DG 6/5 DG 10/5			
See page 104. for the usage of dekafig.		0.3x5 Şerit Etiket			
Teknik Bilgiler / Technical Data					
• Bağlanabilen max İletken kesit aralığı / Max.kesite karşılık gelen akım değeri		0.2 - 4 mm <sup>2</sup> / ... - ...			
• Max.clamping range / Max. technical data		8 kV / 3			
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity		1 / B3			
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1		IP20 / PE			
• Koruma sınıfı / Koruma İletken tipi - Protection class / Protection conductor type		Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver			





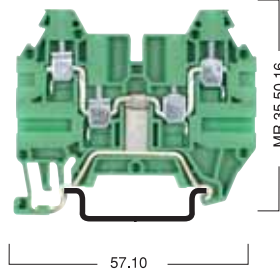
**AVK 4 T RD**

Kalınlık / Width 6.20 mm  
334 180



**AVK 2.5 CCT**

Kalınlık / Width 5 mm  
334 220



**AVK 10 T RD4**

Kalınlık / Width 10 mm  
334 230



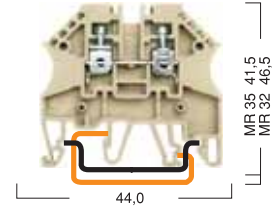
Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
~ V / ~ A / 4 mm <sup>2</sup>			~ V / ~ A / 2,5 mm <sup>2</sup>			~ V / ~ A / 10 - 4 mm <sup>2</sup>		
~ V / ~ A / AWG 26-10			~ V / ~ A / AWG 26-12					
630 V			630 V					
0,5 - 6 mm <sup>2</sup> / 0,5 - 6 mm <sup>2</sup>			0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>			1,5 - 16 mm <sup>2</sup> / 1,5 - 16 mm <sup>2</sup>		
26 - 10 / 0,5 - 4 mm <sup>2</sup>			26 - 12 / 0,5 - 2,5 mm <sup>2</sup>			16 - 6 / 0,5 - 10 mm <sup>2</sup>		
10 mm / 0,5 Nm			10 mm / 0,5 Nm			10 - 7 mm / 1,5 Nm		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
AVK 4 T RD	334 180	50	AVK 2.5 CCT	334 220	25	AVK 10 T RD4	334 230	60
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli/Slotted	500 602	1 m	Delikli/Slotted	500 602	1 m	Delikli/Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli/Slotted	500 604	2 m	Delikli/Slotted	500 604	2 m	Delikli/Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli/Slotted	500 607	1 m	Delikli/Slotted	500 607	1 m	Delikli/Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
			NPP AVK 2.5 CCT	444 132	25			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
IP 2 S	498 130	25						
IP 2	498 140	25						
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50			
GE 2	496 250	25						
ME	496 13A	25	ME	496 13A	25			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
DY 5 DB 10/5 DG 6/5 DG 10/5 DG 10/6			DY 5 DB 10/5 DG 6/5 DG 10/5			DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6		
0,3x5 Şerit Etiket			0,3x5 Şerit Etiket			DG 10/8 DG 10/10 0,3x5 Şerit Etiket		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
0,2 - 6 mm <sup>2</sup> / ... - ....			0,2 - 4 mm <sup>2</sup> / ... - ....			0,5 - 16 mm <sup>2</sup> / ... - ....		
8 kV / 3			8 kV / 3			6 kV / 3		
1 / B4			1 / B3			1 / B6 - A4		
IP20 / PE			IP20 / PE			IP20 / -		

PEK serisi ray klemensleri Termoplast malzemeden imal edilmiş olup her iki rayda da (MR 32, MR 35) kullanılabilir. PEK serisi klemensler dokuz ayrı renkte üretilmiştir. Bu da kullanıcıya ray üzerinde farklı renklerde klemens kullanarak gruplama imkanı sağlar.

PEK type terminals are manufactured from a thermoplastic material and can be used both with mounting rails MR 32 and MR 35. Nine different colours give users chance to group up control lines, current and voltage.

**PEK Serisi Ray Klemensleri ve Aksesuarları**  
*Feed-Through Terminals and Accessories*

**PEK 2,5 K**  
Kalınlık / Width 5 mm  
305 110



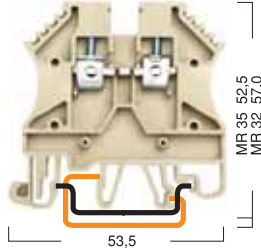
Renkler Colors	Klemensler Terminals	Nihayet Plakaları End Plate	Ayrma Plakaları Partition
	Sip.No./Cat.No.	Sip.No./Cat.No.	Sip.No./Cat.No.
	<b>PEK 2,5 K</b>	<b>NPP</b>	<b>APP</b>
BEJ-BEIGE	305 110	445 110	463 110
MAVİ-BLUE	305 111	445 111	463 111
YEŞİL-GREEN	305 112	445 112	463 112
SARIL-YELLOW	305 113	445 113	463 113
KIRMIZI-RED	305 114	445 114	463 114
SIYAH-BLACK	305 115	445 115	463 115
BEYAZ-WHITE	305 116	445 116	463 116
TURUNCU-ORANGE	305 117	445 117	463 117
KAHVE-BROWN	305 118	445 118	463 118
	<b>PEK 2,5</b>	<b>NPP</b>	<b>APP</b>
BEJ-BEIGE	305 120	445 150	463 150
MAVİ-BLUE	305 121	445 151	463 151
YEŞİL-GREEN	305 122	445 152	463 152
SARIL-YELLOW	305 123	445 153	463 153
KIRMIZI-RED	305 124	445 154	463 154
SIYAH-BLACK	305 125	445 155	463 155
BEYAZ-WHITE	305 126	445 156	463 156
TURUNCU-ORANGE	305 127	445 157	463 157
KAHVE-BROWN	305 128	445 158	463 158
	<b>PEK 4</b>	<b>NPP</b>	<b>APP</b>
BEJ-BEIGE	305 130	445 150	463 150
MAVİ-BLUE	305 131	445 151	463 151
YEŞİL-GREEN	305 132	445 152	463 152
SARIL-YELLOW	305 133	445 153	463 153
KIRMIZI-RED	305 134	445 154	463 154
SIYAH-BLACK	305 135	445 155	463 155
BEYAZ-WHITE	305 136	445 156	463 156
TURUNCU-ORANGE	305 137	445 157	463 157
KAHVE-BROWN	305 138	445 158	463 158
	<b>PEK 6</b>	<b>NPP</b>	<b>APP</b>
BEJ-BEIGE	305 140	445 150	463 150
MAVİ-BLUE	305 141	445 151	463 151
YEŞİL-GREEN	305 142	445 152	463 152
SARIL-YELLOW	305 143	445 153	463 153
KIRMIZI-RED	305 144	445 154	463 154
SIYAH-BLACK	305 145	445 155	463 155
BEYAZ-WHITE	305 146	445 156	463 156
TURUNCU-ORANGE	305 147	445 157	463 157
KAHVE-BROWN	305 148	445 158	463 158



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
TSE / CE (EN 60947-7-1) UL için / UL	500 V ~ / 17,5 A / 1,5 mm <sup>2</sup> 600 V ~ / 18 A / AWG 26-12
Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection	0,5 - 4 mm <sup>2</sup> / 0,5 - 2,5 mm <sup>2</sup>
• AWG İletken / Yükseklikli Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0,5 - 2,5 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torqu - Insulation Stripping Length / Torque	10 mm / 0,4 Nm
Sipariş Bilgileri / Ordering Data	
Polyamide 66	BEJ / BEIGE
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
	PEK 2,5 K
	305 110
	100
Montaj Rayları / Mounting Rails	
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
MR 32	MR 35x7,5
MR 35x7,5 Delikli / Slotted	MR 35x15
MR 35x15 Delikli / Slotted	
DIN EN 50035	DIN EN 50022
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
	MR 35x7,5
	500 601
	1 m
	Delikli / Slotted
	500 602
	1 m
	MR 35x7,5
	500 603
	2 m
	Delikli / Slotted
	500 604
	2 m
	MR 35x15
	500 606
	1 m
	Delikli / Slotted
	500 607
	1 m
	MR 32
	500 101
	1 m
Durdurucu / End Bracket	
Kalınlık / Thickness 8 mm	MR 32 & MR 35 için/For BEJ / BEIGE
MR 35 için/For BEJ / BEIGE	
MR 35 için/For BEJ / BEIGE	
MR 35 için/For BEJ / BEIGE	
WGD 1	KD 3
KD 4	MR 35 için/For BEJ / BEIGE
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
	WGD 1
	495 030
	100
	KD 3
	495 040
	100
	KD 4
	495 050
	100
	KD 7
	495 210
	50
Nihayet/Ayrma Plakası / End Plate / Partition	
Kalınlık / Thickness 1,5 mm	Polyamide 66 BEJ / BEIGE
Polyamide 66 BEJ / BEIGE	
NPP	APP
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
	NPP 2,5 K
	445 110
	100
	APP 2,5 K
	463 110
	25
Ayrma Dili / Small Partition	
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
	BEJ / BEIGE
	AD 1
	467 910
	100
Üst Köprü / Cross Connection	
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
	UK 2.5K/2
	475 112
	25
	UK 2.5K/3
	475 113
	20
	UK 2.5K/4
	475 114
	15
	UK 2.5K/10
	475 119
	5
Test Fişi-Kov./İzoleli Test Kov. / Test Plug-Soc. / Ins. Test Soc.	
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
	TF (Ø 2)
	493 020
	5
	TF (Ø 2.3)
	493 023
	5
	TSK 1 (Ø 2)
	490 010
	5
	TSK 3 (Ø 2.3)
	490 030
	5
İkaz Plakası / Warning Label	
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
	Sembollü / With symbol
	IP 1 S
	498 110
	25
	Sembolsüz / Without symbol
	IP 1
	498 120
	25
Grup Etiketleri / Group Marking	
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
	BEJ / BEIGE
	GE
	496 110
	50
	BEYAZ / WHITE
	GE1
	496 210
	50
	SEFFAF /
	TRANSPARENT
	ME
	496 13A
	25
	SEFFAF /
	TRANSPARENT
	ME 3
	496 300
	50
Klemens Etiketleri / Marking Tags (Dekafix)	
	Tip/Type
	Sip.No./Cat. No.
	Mik./Qty.
	DY 5 DB 10/5 DG 6/5 DG 10/5
Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max clamping range / Max. technical data	0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 24 A
• Beyan darbe gerilim / Kirliilik derecesi - Rated Impulse Voltage/Pollution severity	6 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -

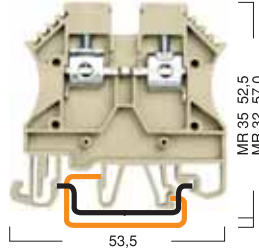
**PEK 2.5**

Kalınlık / Width 6 mm  
305 120



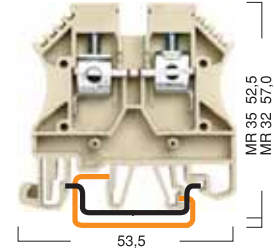
**PEK 4**

Kalınlık / Width 6.5 mm  
305 130



**PEK 6**

Kalınlık / Width 8 mm  
305 140



Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
750 V ~ / 24 A / 2,5 mm <sup>2</sup> 600 V ~ / 20 A / AWG 26-12	750 V ~ / 32 A / 4 mm <sup>2</sup> 600 V ~ / 30 A / AWG 26-10	750 V ~ / 41 A / 6 mm <sup>2</sup> 600 V ~ / 44 A / AWG 26-8
0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup> 26 - 12 / 0.5 - 2.5 mm <sup>2</sup> 10 mm / 0.4 Nm	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup> 26 - 10 / 0.5 - 4 mm <sup>2</sup> 10 mm / 0.5 Nm	0.5 - 10 mm <sup>2</sup> / 0.5 - 10 mm <sup>2</sup> 26 - 8 / 0.5 - 6 mm <sup>2</sup> 12 mm / 0.8 Nm
<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>
PEK 2,5      305 120      100	PEK 4      305 130      100	PEK 6      305 140      100
<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat.No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat.No.</b> <b>Mik./Qty.</b>
MR 35x7,5      500 601      1 m	MR 35x7,5      500 601      1 m	MR 35x7,5      500 601      1 m
Delikli / Slotted      500 602      1 m	Delikli / Slotted      500 602      1 m	Delikli / Slotted      500 602      1 m
MR 35x7,5      500 603      2 m	MR 35x7,5      500 603      2 m	MR 35x7,5      500 603      2 m
Delikli / Slotted      500 604      2 m	Delikli / Slotted      500 604      2 m	Delikli / Slotted      500 604      2 m
MR 35x15      500 606      1 m	MR 35x15      500 606      1 m	MR 35x15      500 606      1 m
Delikli / Slotted      500 607      1 m	Delikli / Slotted      500 607      1 m	Delikli / Slotted      500 607      1 m
MR 32      500 101      1 m	MR 32      500 101      1 m	MR 32      500 101      1 m
<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>
WGD 1      495 030      100	WGD 1      495 030      100	WGD 1      495 030      100
KD 3      495 040      100	KD 3      495 040      100	KD 3      495 040      100
KD 4      495 050      100	KD 4      495 050      100	KD 4      495 050      100
KD 7      495 210      50	KD 7      495 210      50	KD 7      495 210      50
<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>
NPP 2.5-10      445 150      100	NPP 2.5-10      445 150      100	NPP 2.5-10      445 150      100
APP 2.5-10      463 150      25	APP 2.5-10      463 150      25	APP 2.5-10      463 150      25
<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>
AD 2      467 950      100	AD 2      467 950      100	AD 2      467 950      100
<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>
UK 2.5/2      475 122      25	UK 4/2      475 132      25	UK 6/2      475 142      25
UK 2.5/3      475 123      20	UK 4/3      475 133      20	UK 6/3      475 143      20
UK 2.5/4      475 124      15	UK 4/4      475 134      15	UK 6/4      475 144      15
UK 2.5/10      475 129      5	UK 4/10      475 139      5	UK 6/10      475 149      5
<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>
TF (Ø 2)      493 020      5	TF (Ø 2.3)      493 023      5	TF (Ø 2.3)      493 023      5
TF (Ø 2.3)      493 023      5	TF (Ø 4)      493 040      5	TF (Ø 4)      493 040      5
TSK 2 (Ø 2)      490 020      5	TSK 4 (Ø 2.3)      490 040      5	TSK 4 (Ø 2.3)      490 040      5
TSK 4 (Ø 2.3)      490 040      5	TSK 7 (Ø 4)      490 070      5	TSK 7 (Ø 4)      490 070      5
ITK 28 (Ø 4)      492 010      5	ITK 28 (Ø 4)      492 010      5	ITK 28 (Ø 4)      492 010      5
<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>
IP 2 S      498 130      25	IP 2 S      498 130      25	IP 2 S      498 130      25
IP 2      498 140      25	IP 2      498 140      25	IP 2      498 140      25
<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>	<b>Tip/Type</b> <b>Sip.Nr./Cat. No.</b> <b>Mik./Qty.</b>
GE      496 110      50	GE      496 110      50	GE      496 110      50
GE 2      496 250      25	GE 2      496 250      25	GE 2      496 250      25
ME      496 13A      25	ME      496 13A      25	ME      496 13A      25
ME 3      496 300      50	ME 3      496 300      50	ME 3      496 300      50
DY 5 DB 10/5 DG 6/5 DG 10/5	DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6	DY 5 DB 10/5 DB 10/6 DB 10/10,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8
0.5 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A 8 kV / 3 1 / B3 IP20 / -	0.5 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 41 A 8 kV / 3 1 / B4 IP20 / -	0.5 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 57 A 8 kV / 3 1 / B5 IP20 / -

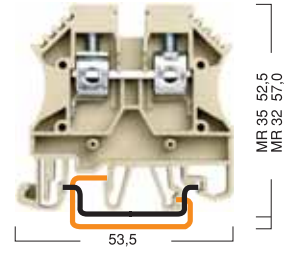
PEK serisi ray klemensleri Termoplast malzemeden imal edilmiş olup her iki rayda da (MR 32, MR 35) kullanılabilir. PEK serisi klemensler dokuz ayrı renkte üretilmiştir. Bu da kullanıcıya ray üzerinde farklı renklerde klemens kullanarak gruplama imkanı sağlar.

PEK type terminals are manufactured from a thermoplastic material and can be used both with mounting rails MR 32 and MR 35. Nine different colours give users chance to group up control lines, current and voltage.

## PEK Serisi Ray Klemensleri ve Aksesuarları Feed-Through Terminals and Accessories

### PEK 10

Kalınlık / Width 10 mm  
305 150



Renkler Colors	Klemensler Terminals	Nihayet Plakaları End Plate	Ayrma Plakaları Partition
	Sip.No./Cat.No.	Sip.No./Cat.No.	Sip.No./Cat.No.
	<b>PEK 10</b>	<b>NPP</b>	<b>APP</b>
BEJ-BEIGE	305 150	445 150	463 150
MAVİ-BLUE	305 151	445 151	463 151
YEŞİL-GREEN	305 152	445 152	463 152
SARIL-YELLOW	305 153	445 153	463 153
KIRMIZI-RED	305 154	445 154	463 154
SIYAH-BLACK	305 155	445 155	463 155
BEYAZ-WHITE	305 156	445 156	463 156
TURUNCU-ORANGE	305 157	445 157	463 157
KAHVE-BROWN	305 158	445 158	463 158
	<b>PEK 16</b>	<b>NPP</b>	<b>APP</b>
BEJ-BEIGE	305 160	445 170	463 170
MAVİ-BLUE	305 161	445 171	463 171
YEŞİL-GREEN	305 162	445 172	463 172
SARIL-YELLOW	305 163	445 173	463 173
KIRMIZI-RED	305 164	445 174	463 174
SIYAH-BLACK	305 165	445 175	463 175
BEYAZ-WHITE	305 166	445 176	463 176
TURUNCU-ORANGE	305 167	445 177	463 177
KAHVE-BROWN	305 168	445 178	463 178
	<b>PEK 35</b>	<b>NPP</b>	<b>APP</b>
BEJ-BEIGE	305 170	445 170	463 170
MAVİ-BLUE	305 171	445 171	463 171
YEŞİL-GREEN	305 172	445 172	463 172
SARIL-YELLOW	305 173	445 173	463 173
KIRMIZI-RED	305 174	445 174	463 174
SIYAH-BLACK	305 175	445 175	463 175
BEYAZ-WHITE	305 176	445 176	463 176
TURUNCU-ORANGE	305 177	445 177	463 177
KAHVE-BROWN	305 178	445 178	463 178
	<b>PEK 35 I</b>	<b>NPP</b>	<b>APP</b>
BEJ-BEIGE	305 180	445 170	463 170
MAVİ-BLUE	305 181	445 171	463 171
YEŞİL-GREEN	305 182	445 172	463 172
SARIL-YELLOW	305 183	445 173	463 173
KIRMIZI-RED	305 184	445 174	463 174
SIYAH-BLACK	305 185	445 175	463 175
BEYAZ-WHITE	305 186	445 176	463 176
TURUNCU-ORANGE	305 187	445 177	463 177
KAHVE-BROWN	305 188	445 178	463 178

Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
TSE / CE (EN 60947-1)	750 V ~ / 57 A / 10 mm <sup>2</sup>
UL için / UL	600 V ~ / 50 A / AWG 16-8

Bağlantı Bilgileri / Connection Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection			
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule			
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque			

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Polyamide 66	BEJ / BEIGE	PEK 10	305 150
			100

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 32	MR 35x7.5	500 601	1 m
MR 35x7.5 Delikli / Slotted	MR 35x15	500 602	1 m
MR 35x15 Delikli / Slotted	MR 35x7.5	500 603	2 m
	Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli / Slotted	500 607	1 m
	MR 32	500 101	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 8 mm	MR 32 & MR 35 İçin/For BEJ / BEIGE	WGD 1	495 030
	MR 35 İçin/For BEJ / BEIGE	KD 3	495 040
	MR 35 İçin/For BEJ / BEIGE	KD 4	495 050
	MR 35 İçin/For BEJ / BEIGE	KD 7	495 210

Nihayet/Ayrma Plakası / End Plate / Partition	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 1,5 mm	Polyamide 66 BEJ / BEIGE	NPP 2,5-10	445 150
	Polyamide 66 BEJ / BEIGE	APP 2,5-10	463 150

Ayrma Dili / Small Partition	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	BEJ / BEIGE	AD 2	467 950

Üst Köprü / Cross Connection	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	UK 10/2	475 152	25
	UK 10/3	475 153	20
	UK 10/4	475 154	15
	UK 10/10	475 159	5

Test Fişi-Kov./İzoleli Test Kov. / Test Plug-Soc. / Ins. Test Soc.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	TF (Ø 2,3)	493 023	5
	TF (Ø 4)	493 040	5
	TSK 4 (Ø 2,3)	490 040	5
	TSK 7 (Ø 4)	490 070	5
	ITK 28 (Ø 4)	492 010	5

İkaz Plakası / Warning Label	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Sembollü / With symbol	IP 2 S	498 130	25
Sembolsüz / Without symbol	IP 2	498 140	25

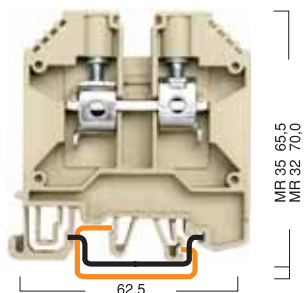
Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
BEJ / BEIGE	GE	496 110	50
BEYAZ / WHITE	GE 2	496 250	25
SEFFAF / TRANSPARENT	ME	496 13A	25
SEFFAF / TRANSPARENT	ME 3	496 300	50

Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DB 10/5 DB 10/6 DB 10/10,5 DG 6/5 DG 10/5		
	DG 10/6 DG 10/8 DG 10/10		

Teknik Bilgiler / Technical Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max clamping range / Max. technical data	1,5 - 16 mm <sup>2</sup> / 16 mm <sup>2</sup> - 76 A		
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3		
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B6		
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -		

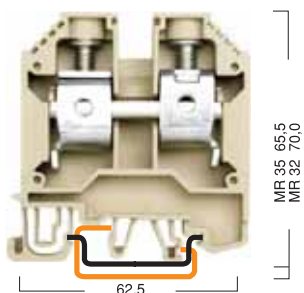
**PEK 16**

Kalınlık / Width 12 mm  
305 160



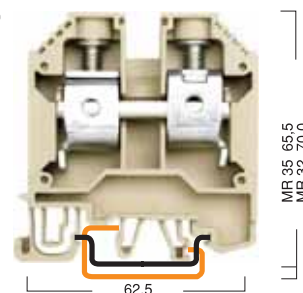
**PEK 35**

Kalınlık / Width 16 mm  
305 170



**PEK 35 I**

Kalınlık / Width 16 mm  
305 180



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
750 V ~ / 76 A / 16 mm <sup>2</sup>			750 V ~ / 125 A / 35 mm <sup>2</sup>			750 V ~ / 125 A / 35 mm <sup>2</sup>		
600 V ~ / 65 A / AWG 12-4			600 V ~ / 115 A / AWG 10-2					
1.5 - 25 mm <sup>2</sup> / 1.5 - 25 mm <sup>2</sup>			6 - 50 mm <sup>2</sup> / 6 - 35 mm <sup>2</sup>			6 - 50 mm <sup>2</sup> / 6 - 35 mm <sup>2</sup>		
12 - 4 / 1.5 - 16 mm <sup>2</sup>			10 - 2 / 6 - 35 mm <sup>2</sup>			10 - 2 / 6 - 35 mm <sup>2</sup>		
16 mm / 1.2 Nm			18 mm / 2.5 Nm			18 mm / 6 Nm		
Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.
PEK 16	305 160	50	PEK 35	305 170	40	PEK 35 I	305 180	40
Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli/ Slotted	500 602	1 m	Delikli/ Slotted	500 602	1 m	Delikli/ Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli/ Slotted	500 604	2 m	Delikli/ Slotted	500 604	2 m	Delikli/ Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli/ Slotted	500 607	1 m	Delikli/ Slotted	500 607	1 m	Delikli/ Slotted	500 607	1 m
MR 32	500 101	1 m	MR 32	500 101	1 m	MR 32	500 101	1 m
Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.
WGD 1	495 030	100	WGD 1	495 030	100	WGD 1	495 030	100
KD 3	495 040	100	KD 3	495 040	100	KD 3	495 040	100
KD 4	495 050	100	KD 4	495 050	100	KD 4	495 050	100
KD 7	495 210	50	KD 7	495 210	50	KD 7	495 210	50
Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.
NPP 16-35	445 170	25	NPP 16-35	445 170	25	NPP 16-35	445 170	25
APP 16-35	463 170	25	APP 16-35	463 170	25	APP 16-35	463 170	25
Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.
UK 16/2	475 162	25	UK 35/2	475 172	25	UK 35/2	475 172	25
UK 16/3	475 163	20	UK 35/3	475 173	20	UK 35/3	475 173	20
UK 16/4	475 164	15	UK 35/4	475 174	15	UK 35/4	475 174	15
UK 16/10	475 169	5	UK 35/10	475 179	5	UK 35/10	475 179	5
Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.
TF (Ø 4)	493 040	5	TF (Ø 4)	493 040	5	TF (Ø 4)	493 040	5
TSK 8 (Ø 4)	490 080	5	TSK 9 (Ø 4)	490 090	5	TSK 9 (Ø 4)	490 090	5
ITK 32 (Ø 4)	492 020	5						
Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.
IP 3 S	498 143	25	IP 3 S	498 143	25	IP 3 S	498 143	25
IP 3	498 145	25	IP 3	498 145	25	IP 3	498 145	25
Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat. No.	Mik./Qty.
GE	496 110	50	GE	496 110	50	GE	496 110	50
GE 3	496 255	10	GE 3	496 255	10	GE 3	496 255	10
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DY 5 DB 10/5 DB 10/6 DB 10/10,5 DG 6/5 DG 10/5			DY 5 DB 10/5 DB 10/6 DB 10/10,5 DG 6/5 DG 10/5			DY 5 DB 10/5 DB 10/6 DB 10/10,5 DG 6/5 DG 10/5		
DG 10/6 DG 10/8 DG 10/10			DG 10/6 DG 10/8 DG 10/10			DG 10/6 DG 10/8 DG 10/10		
1.5 - 25 mm <sup>2</sup> / 25 mm <sup>2</sup> - 101 A			6 - 50 mm <sup>2</sup> / 50 mm <sup>2</sup> - 150 A			6 - 50 mm <sup>2</sup> / 50 mm <sup>2</sup> - 150 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B7			1 / B9			1 / B9		
IP20 / -			IP20 / -			IP20 / -		

WGT serisi topraklama klemensleri ray klemensleri ile birlikte hem MR 35 hem de MR 32 ray üzerine sıralanabilirler. Bu klemensler topraklama standardı olan sarı-yeşil renkte imal edilmişlerdir. WGT serisi topraklama klemenslerinin raya takılan ayağı metalden imal edilmiştir. Bu sayede klemense bağlanan iletken doğrudan ray ile irtibatlanmış olur.

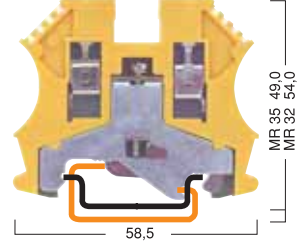
WGT series earth terminals can be used on both MR 35 and MR 32 rails and their colours are yellow-green which accomplishes international standards. The part which is connected to rail is made of metal, in order to obtain conductivity.




## WGT Serisi Topraklama Klemensleri

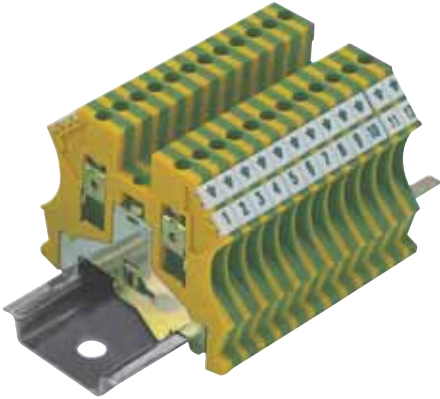
### WGT Series Earth Terminals

## WGT 2.5

Kalınlık / Width 5 mm  
331 120

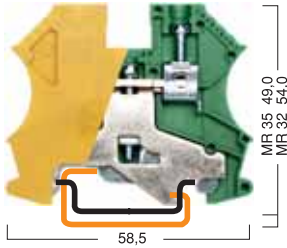


Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section				
TSE / CE (EN 60947-7-2)	- V ~ / - A / 2,5 mm <sup>2</sup>				
UL / UL	- V ~ / - A / AWG 26-12				
<b>Bağlantı Bilgileri / Connection Data</b>					
• Tekli İletken,Vida bağlantılı - Çoklu İletken,Vida bağlantılı Solid Strand,Screw Connection - Fine Strand,Screw Connection	0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>				
• AWG İletken / Yükseküklü Çoklu iletken - AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0.5 - 2.5 mm <sup>2</sup>				
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	12 mm / 0.4 Nm				
<b>Sipariş Bilgileri / Ordering Data</b>	Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.		
Polyamide 66	SARI-YEŞİL / YELLOW - GREEN	WGT 2.5	331 120	50	
<b>Montaj Rayları / Mounting Rails</b>					
MR 32	MR 35x7.5 MR 35x7.5 Delikli / Slotted	MR 35x15 MR 35x15 Delikli / Slotted	Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.
			MR 35x7.5	500 601	1 m
DIN EN 50035	DIN EN 50022	DIN EN 50022	Delikli / Slotted	500 602	1 m
			MR 35x7.5	500 603	2 m
			Delikli / Slotted	500 604	2 m
			MR 35x15	500 606	1 m
			Delikli / Slotted	500 607	1 m
			MR 32	500 101	1 m
<b>Klemens Etiketleri / Marking Tags (Dekafix)</b>					
Dekafix kullanımı için 104. sayfaya bakınız.	DY 5 DB 10/5 DG 6/5 DG 10/5				
See page 104. for the usage dekafix.					
<b>Teknik Bilgiler / Technical Data</b>					
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	0.5 - 4 mm <sup>2</sup> / ... - ....				
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3				
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3				
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / PE				



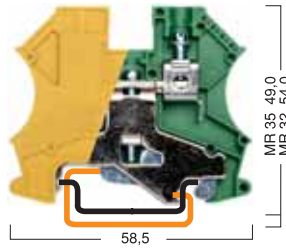
**WGT 4**

Kalınlık / Width 6 mm  
331 130



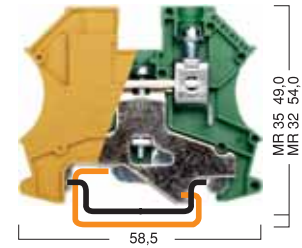
**WGT 6**

Kalınlık / Width 8 mm  
331 140



**WGT 10**

Kalınlık / Width 10 mm  
331 150



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
- V ~ / - A / 4 mm <sup>2</sup>			- V ~ / - A / 6 mm <sup>2</sup>			- V ~ / - A / 10 mm <sup>2</sup>		
- V ~ / - A / AWG 26-10			- V ~ / - A / AWG 26-8			- V ~ / - A / AWG 16-8		
0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 10 mm <sup>2</sup> / 0.5 - 10 mm <sup>2</sup>			1.5 - 16 mm <sup>2</sup> / 1.5 - 16 mm <sup>2</sup>		
26 - 10 / 0.5 - 4 mm <sup>2</sup>			26 - 8 / 1.5 - 6 mm <sup>2</sup>			16 - 8 / 1.5 - 10 mm <sup>2</sup>		
12 mm / 0.5 Nm			12 mm / 0.8 Nm			12 mm / 1.2 Nm		
Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.
WGT 4	331 130	50	WGT 6	331 140	40	WGT 10	331 150	30
Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.	Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
MR 32	500 101	1 m	MR 32	500 101	1 m	MR 32	500 101	1 m
DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8		
0.5 - 6 mm <sup>2</sup> / ... - ...			0.5 - 10 mm <sup>2</sup> / ... - ...			0.5 - 16 mm <sup>2</sup> / ... - ...		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B4			1 / B5			1 / B6		
IP20 / PE			IP20 / PE			IP20 / PE		

2,5 mm<sup>2</sup> ve 4 mm<sup>2</sup>' lik kablo kesitleri ile kullanılabilirler. Her iki kesit de aynı ebatlarda olup ortak nihayet plakası kullanılmaktadır. Klemensler birbirlerine pimler vasıtasıyla kenetlenip blok oluşturmakta ve YBK serisinde kullanılan patentli üst köprü sistemi ile kullanıcıya ekstra stok oluşturmadan köprüleme yapma imkanı sağlamaktadır.

These terminals providing 2.5 mm<sup>2</sup> and 4 mm<sup>2</sup> cable connections are mounted on MR 15x5.5 mounting rails. Both cross sections have the same dimensions and a common end plate that can be used for all the range. The terminals are fixed each other by the pins forming blocks and provide users to make cross connections with patented cross connection system of YBK without keeping extra stock.

Renkler Colors	Klemensler Terminals	Nihayet Plakaları End Plate
	Sip.No./Cat.No.	Sip.No./Cat.No.
	<b>MVK 2,5</b>	<b>NPP MVK</b>
BEJ-BEIGE	304 420	444 420
MAVİ-BLUE	304 421	444 421
YEŞİL-GREEN	304 422	444 422
SARI-YELLOW	304 423	444 423
KIRMIZI-RED	304 424	444 424
GRİ-GREY	304 429	444 429
	<b>MVK 4</b>	<b>NPP MVK</b>
BEJ-BEIGE	304 430	444 420
MAVİ-BLUE	304 431	444 421
YEŞİL-GREEN	304 432	444 422
SARI-YELLOW	304 433	444 423
KIRMIZI-RED	304 434	444 424
GRİ-GREY	304 439	444 429

## MVK-Serisi Mini Vidalı Klemensler

### MVK Type Mini

#### Terminals for

#### MR 15 Rails

## MVK-Serisi Mini Vidalı Topraklama Klemensleri

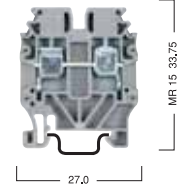
### MVK Type Mini

#### Earth Terminals for

#### MR 15 Rails



**MVK 2.5**  
Kalınlık / Width 5 mm  
304 420 BEJ/BEIGE  
304 429 GRİ/GREY



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
CE (EN 60947-7-1 / 60947-7-2)	400 V ~ / 24 A / 2,5 mm <sup>2</sup>
UL / CSA	300 V ~ / 20 A / AWG 26-12
ATEX	400 V ~ / 23 A

#### Bağlantı Bilgileri / Connection Data

- Tekli İletken.Vida bağlantılı - Çoklu İletken.Vida bağlantılı  
Solid Strand,Screw Connection - Fine Strand,Screw Connection
- AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule
- Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque

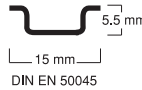
0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>
26 - 12 / 0,5 - 2,5 mm <sup>2</sup>
10 mm / 0,4 Nm

#### Sipariş Bilgileri / Ordering Data

Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66	BEJ / BEIGE	MVK 2.5 304 420 100
	GRİ / GREY	MVK 2.5 304 429 100
	SARI-YEŞİL / YELLOW - GREEN	

#### Montaj Rayları / Mounting Rails

MR 15x5,5  
MR 15x5,5 Delikli / Slotted



Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 15x5,5	500 610	1 m
Delikli/Slotted	500 611	1 m
MR 15x5,5	500 612	2 m
Delikli/Slotted	500 613	2 m

#### Durdurucu / End Bracket

Kalınlık / Thickness 8 mm



Tip/Type	Sip.No./Cat.No.	Mik./Qty.
BEJ / BEIGE	KD 5 495 060	100
GRİ / GREY	KD 5 495 069	100

#### Nihayet Plakası / End Plate

Kalınlık / Thickness 1,5 mm  
Polyamide 66



Tip/Type	Sip.No./Cat.No.	Mik./Qty.
BEJ / BEIGE	NPP MVK 444 420	100
GRİ / GREY	NPP MVK 444 429	100
YEŞİL / GREEN		

#### Geçme Üst Köprü / Cross Connection



Tip/Type	Sip.No./Cat.No.	Mik./Qty.
UK 2.5/2	476 222	25
UK 2.5/3	476 223	20
UK 2.5/4	476 224	15
UK 2.5/10	476 229	5

#### Klemens Etiketleri / Marking Tags (Dekafix)

Dekafix kullanımı için 104. sayfaya bakınız.  
See page 104, for the usage of dekafix.

DY 5

#### Teknik Bilgiler / Technical Data

- Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri  
Max.clamping range / Max. technical data
- Beyan darbe gerilim / Kirlilik derecesi - Rated Impulse Voltage/Pollution severity
- Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1
- Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type

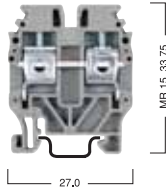
0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A
6 kV / 3
1 / B3
IP20 / -





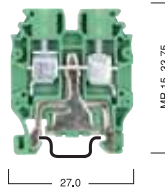
**MVK 4**

Kalınlık / Width 6 mm  
304 430 BEJ/BEIGE  
304 439 GRİ/GREY



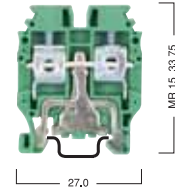
**MVK 2.5T**

Kalınlık / Width 5 mm  
334 420



**MVK 4T**

Kalınlık / Width 6 mm  
334 430



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
400 V ~ / 32 A / 4 mm <sup>2</sup>			- V ~ / - A / 2,5 mm <sup>2</sup>			- V ~ / - A / 4 mm <sup>2</sup>		
300 V ~ / 30 A / AWG 26-10			- V ~ / - A / AWG 26-12			- V ~ / - A / AWG 26-10		
400 V ~ / 31.5 A			400 V			400 V		
0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>		
26 - 10 / 0.5 - 4 mm <sup>2</sup>			26 - 12 / 0.5 - 2.5 mm <sup>2</sup>			26 - 10 / 0.5 - 4 mm <sup>2</sup>		
10 mm / 0.5 Nm			10 mm / 0.4 Nm			10 mm / 0.5 Nm		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MVK 4	304 430	100						
MVK 4	304 439	100						
			MVK 2.5T	334 420	50	MVK 4T	334 430	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 15x5,5	500 610	1 m	MR 15x5,5	500 610	1 m	MR 15x5,5	500 610	1 m
Delikli/Slotted	500 611	1 m	Delikli/Slotted	500 611	1 m	Delikli/Slotted	500 611	1 m
MR 15x5,5	500 612	2 m	MR 15x5,5	500 612	2 m	MR 15x5,5	500 612	2 m
Delikli/Slotted	500 613	2 m	Delikli/Slotted	500 613	2 m	Delikli/Slotted	500 613	2 m
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 5	495 060	100	KD 5	495 060	100	KD 5	495 060	100
KD 5	495 069	100	KD 5	495 069	100	KD 5	495 069	100
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP MVK	444 420	100						
NPP MVK	444 429	100						
			NPP MVK	444 422	100	NPP MVK	444 422	100
Tip/Type	Sip.No./Cat.No.	Mik./Qty.						
UK 4/2	476 232	25						
UK 4/3	476 233	20						
UK 4/4	476 234	15						
UK 4/10	476 239	5						
DY 5 DG 6/5			DY 5			DY 5 DG 6/5		
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 41 A			0.2 - 4 mm <sup>2</sup> / .... - .....			0.2 - 6 mm <sup>2</sup> / .... - .....		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / B4			1 / B3			1 / B4		
IP20 / -			IP20 / PE			IP20 / PE		

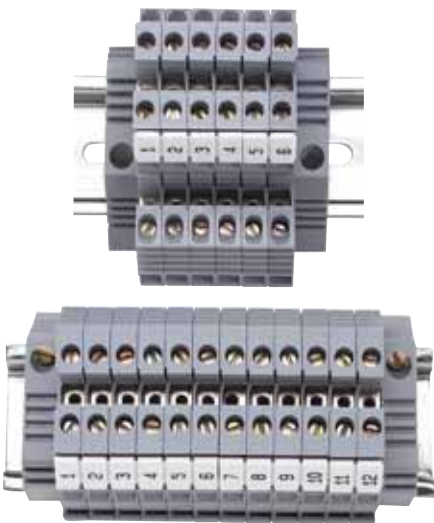
Klemsan iki katlı ray klemensleri aşağıdaki avantajları sağlamaktadır.

- Montaj rayını büyütmeden, bağlantı sayısını iki misline çıkartır,
- Her iki katta da köprüleme imkanı mevcuttur,
- Her iki katta da kodlamaya uygun bir yapıya sahiptir.

Klemsan double level terminals have the following advantages:

- Double wiring density available without extension of mounting rails.
- Interconnection / shorting can be done at both levels.
- Marking / Identification by marking tags possible at both levels.

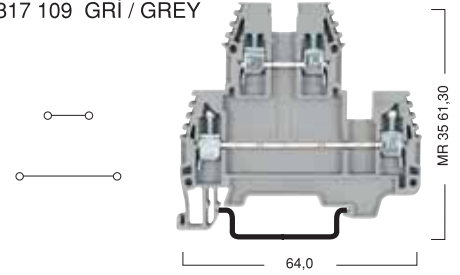
Renkler Colors	Klemensler Terminals	Nihayet Plakalan End Plate
	Sip.No./Cat.No.	Sip.No./Cat.No.
	<b>PIK 2,5 N</b>	<b>NPP</b>
BEJ - BEIGE	317 100	449 010
MAVİ-BLUE	317 101	449 011
GRI - GREY	317 109	449 019
	<b>PIK 2,5 NK</b>	<b>NPP</b>
BEJ - BEIGE	317 120	449 010
MAVİ-BLUE	317 121	449 011
GRI - GREY	317 129	449 019
	<b>PIK 2,5 ND</b>	<b>NPP</b>
BEJ - BEIGE	317 210	449 010
MAVİ-BLUE	317 211	449 011
GRI - GREY	317 219	449 019
	<b>PIK 2,5 NLD</b>	<b>NPP</b>
BEJ - BEIGE	... ..0	449 010
MAVİ-BLUE	... ..1	449 011
GRI - GREY	... ..9	449 019



%50 yer tasarrufu  
50% space saving

## İki Katlı Ray Klemensleri Double-Deck Terminals

**PIK 2.5 N**  
Kalınlık / Width 5 mm  
317 109 GRI / GREY



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit/ Voltage/Current/Cross-section
TSE / CE (EN 60947-7-1)	500 V ~ / 24 A / 2,5 mm <sup>2</sup>
UL / CSA	300 V ~ / 20 A / AWG 26-12
ATEX	400 V ~ / 21,5 A

Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection	0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	26 - 12 / 0,5 - 2,5 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	9 mm / 0,4 Nm

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Polyamide 66	GRI - GREY	PIK 2.5 N	317 109	100
	GRI - GREY			
	GRI - GREY			
	GRI - GREY			

Elektriksel Özellikler / Electrical Ratings	
Diod Ters Gerilimi / Diode Reverse Voltage	
Diod Akımı / Diode Current	
Diod / Diode	

Montaj Rayları / Mounting Rail	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	MR 35x7,5	500 601	1 m
MR 35x7,5 Delikli / Slotted	Delikli / Slotted	500 602	1 m
MR 35x15	MR 35x7,5	500 603	2 m
MR 35x15 Delikli / Slotted	Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli / Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35 için/For	KD 3	459 049	100
MR 35 için/For	KD 4	495 059	100
	KD 7	495 219	100

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Kalınlık / Thickness 1.5 mm Polyamide 66	NPP	NPP PIK 2,5-4 N	449 019	25

Üst Köprü / Cross - Connection	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	UK 2,5/2	474 122	25
	UK 2,5/3	474 123	20
	UK 2,5/4	474 124	15
	UK 2,5/10	474 129	5

Test Fişi / Test Plug and Socket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	TF (Ø 2)	493 020	5
	TF (Ø 2,3)	493 023	5
	TSK 1 (Ø 2)	490 010	5
	TSK 3 (Ø 2,3)	490 030	5

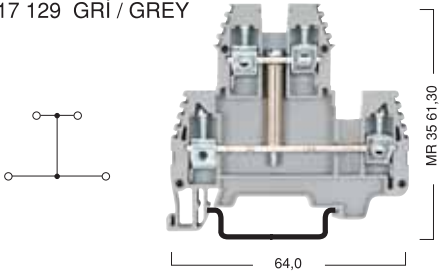
Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
BEJ / BEIGE	GE	496 110	50
GRI / GREY	GE	496 119	50
ŞEFFAF/ TRANSPARENT	ME	496 13A	25
ŞEFFAF/TRANSPARENT	ME 3	496 300	50

Klemens Etiketleri / Marking Tags (Dekafix)	
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DB 10/5 DG 6/5 DG 10/5

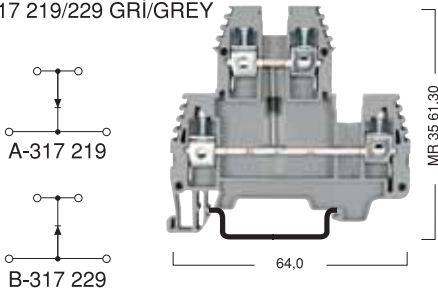
Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 28 A
• Beyan darbe gerilimi / Kirirlilik derecesi - Rated Impulse Voltage/Pollution severity	6 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver

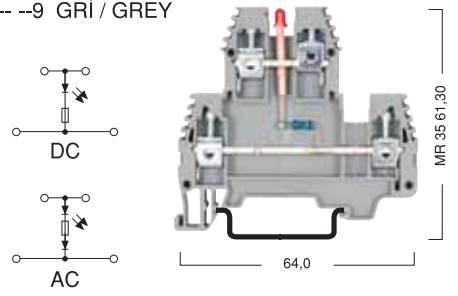
**PIK 2.5 NK**  
Kalınlık / Width 5 mm  
317 129 GRİ / GREY



**PIK 2.5 ND**  
Kalınlık / Width 5 mm  
317 219/229 GRİ/GREY



**PIK 2.5 NLD**  
Kalınlık / Width 5 mm  
--- --9 GRİ / GREY



Gerilim/Akım/Kesit/ Voltage/Current/Cross-section			Gerilim/Akım/Kesit/ Voltage/Current/Cross-section			Gerilim/Akım/Kesit/ Voltage/Current/Cross-section		
500 V ~ / 24 A / 2,5 mm <sup>2</sup>			500 V ~ / 24 A / 2,5 mm <sup>2</sup>			- V ~ / 24 A / 2,5 mm <sup>2</sup>		
300 V ~ / 20 A / AWG 26-12			300 V ~ / 20 A / AWG 26-12			- V ~ / 20 A / AWG 26-12		
0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>		
26 - 12 / 0.5 - 2.5 mm <sup>2</sup>			26 - 12 / 0.5 - 2.5 mm <sup>2</sup>			26 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
9 mm / 0.4 Nm			9 mm / 0.4 Nm			9 mm / 0.4 Nm		
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
PIK 2.5 NK	317 129	20	PIK 2.5 ND-A	317 219	20	PIK 2.5 NLD	317 329 (24V DC) / 317 319 (24V AC)	20
			PIK 2.5 ND-B	317 229	20	PIK 2.5 NLD	317 429 (48V DC) / 317 419 (48V AC)	20
						PIK 2.5 NLD	317 629 (110V DC) / 317 619 (110V AC)	20
						PIK 2.5 NLD	317 729 (220V DC) / 317 719 (220V AC)	20
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 3	459 049	100	KD 3	459 049	100	KD 3	459 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	100	KD 7	495 219	100	KD 7	495 219	100
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP PIK 2.5-4 N	449 019	25	NPP PIK 2.5-4 N	449 019	25	NPP PIK 2.5-4 N	449 019	25
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
UK 2.5/2	474 122	25	UK 2.5/2	474 122	25	UK 2.5/2	474 122	25
UK 2.5/3	474 123	20	UK 2.5/3	474 123	20	UK 2.5/3	474 123	20
UK 2.5/4	474 124	15	UK 2.5/4	474 124	15	UK 2.5/4	474 124	15
UK 2.5/10	474 129	5	UK 2.5/10	474 129	5	UK 2.5/10	474 129	5
Not: Sadece alt katlar köprülenebilir / Only lower decks can be cross-connected			Not: Sadece alt katlar köprülenebilir / Only lower decks can be cross-connected			Not: Sadece alt katlar köprülenebilir / Only lower decks can be cross-connected		
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
TF (Ø 2)	493 020	5	TF (Ø 2)	493 020	5	TF (Ø 2)	493 020	5
TF (Ø 2.3)	493 023	5	TF (Ø 2.3)	493 023	5	TF (Ø 2.3)	493 023	5
TSK 1 (Ø 2)	490 010	5	TSK 1 (Ø 2)	490 010	5	TSK 1 (Ø 2)	490 010	5
TSK 3 (Ø 2.3) (*)	490 030	5	TSK 3 (Ø 2.3) (*)	490 030	5	TSK 3 (Ø 2.3) (*)	490 030	5
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GE	496 110	50	GE	496 110	50	GE	496 110	50
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DY 5 DB 10/5 DG 6/5 DG 10/5			DY 5 DB 10/5 DG 6/5 DG 10/5			DY 5 DB 10/5 DG 6/5 DG 10/5		
0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 28 A			0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 28 A			0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 28 A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / B3			1 / B3			1 / B3		
IP20 / -			IP20 / -			IP20 / -		
(*) Sadece alt katlarda kullanılabilir / Can only be used in lower deck								

Klemsan iki katlı ray klemensleri aşağıdaki avantajları sağlamaktadır.

- Montaj rayını büyütmeden, bağlantı sayısını iki misline çıkarır,
- Her iki katta da köprüleme imkanı mevcuttur,
- Her iki katta da kodlamaya uygun bir yapıya sahiptir.

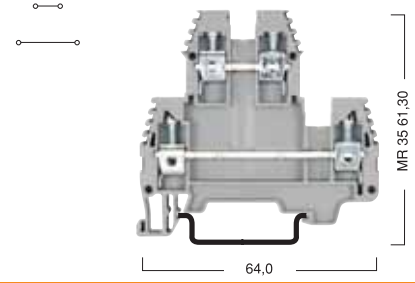
Klemsan double level terminals have the following advantages:

- Double wiring density available without extension of mounting rails.
- Interconnection / shorting can be done at both levels.
- Marking / Identification by marking tags possible at both levels.

Renkler Colors	Klemensler Terminals	Nihayet Plakaları End Plate
	Sip.No./Cat.No.	Sip.No./Cat.No.
	<b>PIK 4 N</b>	<b>NPP</b>
BEJ - BEIGE	319 100	449 010
MAVİ - BLUE	319 101	449 011
GRİ - GREY	319 109	449 019
	<b>PIK 4 NK</b>	<b>NPP</b>
BEJ - BEIGE	319 120	449 010
MAVİ - BLUE	319 121	449 011
GRİ - GREY	319 129	449 019
	<b>PIK 4 ND</b>	<b>NPP</b>
BEJ - BEIGE	319 210	449 010
MAVİ - BLUE	319 211	449 011
GRİ - GREY	319 219	449 019
	<b>PIK 4 NLD</b>	<b>NPP</b>
BEJ - BEIGE	... ..0	449 010
MAVİ - BLUE	... ..1	449 011
GRİ - GREY	... ..9	449 019
	<b>PIK 4 FS</b>	<b>NPP</b>
BEJ - BEIGE	319 800	449 020
MAVİ - BLUE	319 801	449 021
GRİ - GREY	319 809	449 029

## İki Katlı Ray Klemensleri Double-Deck Terminals

**PIK 4 N**  
Kalınlık / Width 6 mm  
319 109 GRİ / GREY



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit/ Voltage/Current/Cross-section
TSE / CE (EN 60947-1)	500 V ~ / 32 A / 4 mm <sup>2</sup>
UL / CSA	300 V ~ / 30 A / AWG 26-10
ATEX	400 V ~ / 29.5 A

Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>
• AWG İletken / Yüksek Güçlü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0.5 - 4 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	9 mm / 0.5 Nm

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Polyamide 66	GRİ - GREY	PIK 4 N	319 109	100
	GRİ - GREY			
	GRİ - GREY			
	GRİ - GREY			

Elektriksel Özellikler / Electrical Ratings	
Diod Ters Gerilimi / Diode Reverse Voltage	
Diod Akımı / Diode Current	
Diod / Diode	

Montaj Rayları / Mounting Rail	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	MR 35x7,5	500 601	1 m
MR 35x7,5 Delikli / Slotted	Delikli / Slotted	500 602	1 m
MR 35x7,5	MR 35x7,5	500 603	2 m
MR 35x7,5 Delikli / Slotted	Delikli / Slotted	500 604	2 m
MR 35x15	MR 35x15	500 606	1 m
MR 35x15 Delikli / Slotted	Delikli / Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35 İçin/For GRİ - GREY	KD 3	495 049	100
MR 35 İçin/For GRİ - GREY	KD 4	495 059	100
	KD 7	495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Kalınlık / Thickness 1.5 mm Polyamide 66	NPP	NPP PIK 2,5-4 N	449 019	25

Faston Kablo Pabuçları / Insulated Terminals	
Sayfa 112'ye bakınız See page 112	İZOLELİ-DİŞİ - FEMALE-DISCONNECT
	İZOLELİ-DİŞİ - FEMALE-DISCONNECT
	İZOLELİ-DİŞİ - FEMALE-DISCONNECT

Üst Köprü / Cross - Connection	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	UK 4/2	474 132	25
	UK 4/3	474 133	20
	UK 4/4	474 134	15
	UK 4/10	474 139	5

Test Fişi / Test Plug and Socket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	TF (Ø 2)	493 020	5
	TF (Ø 2.3)	493 023	5
	TSK 1 (Ø 2)	490 010	5
	TSK 3 (Ø 2.3)	490 030	5

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	GE	496 110	50
	GE	496 119	50
	ME	496 13A	25
	ME 3	496 300	50

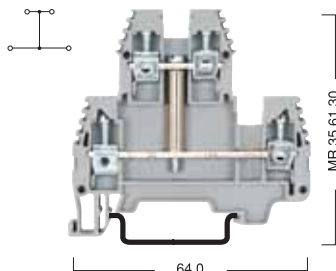
Klemens Etiketleri / Marking Tags (Dekafix)	
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6

Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max. kesit karşılık gelen akım değeri Max. clamping range / Max. technical data	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 39 A
• Beyan darbe gerilimi / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	6 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4
• Koruması sınıfları / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -



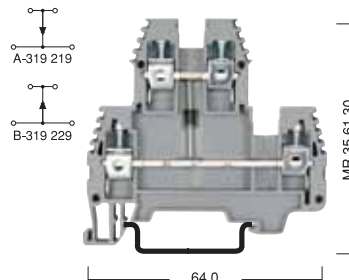
**PIK 4 NK**

Kalınlık / Width 6 mm  
319 129 GRİ / GREY



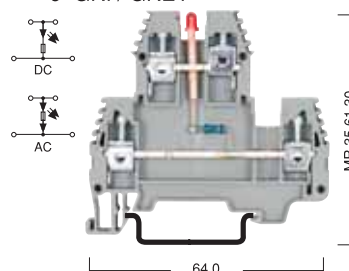
**PIK 4 ND**

Kalınlık / Width 6 mm  
319 219/229 GRİ/GREY



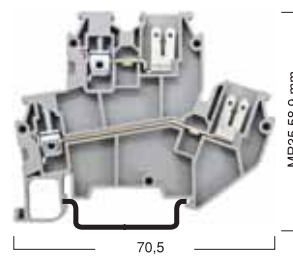
**PIK 4 NLD**

Kalınlık / Width 6 mm  
--- 0 BEJ / BEIGE  
--- 9 GRİ / GREY



**PIK 4 FS**

Kalınlık / Width 6 mm  
319 809 GRİ / GREY



Gerilim/Akm/Kesit/ Voltage/Current/Cross-section	Gerilim/Akm/Kesit/ Voltage/Current/Cross-section	Gerilim/Akm/Kesit/ Voltage/Current/Cross-section	Gerilim/Akm/Kesit/ Voltage/Current/Cross-section
500 V ~ / 32 A / 4 mm <sup>2</sup>	500 V ~ / 32 A / 4 mm <sup>2</sup>	- V ~ / 32 A / 4 mm <sup>2</sup>	400 V / 20 A / 4 mm <sup>2</sup>
300 V ~ / 30 A / AWG 26-10	300 V ~ / 30 A / AWG 26-10	- V ~ / 30 A / AWG 26-10	
0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>
26 - 10 / 0.5 - 4 mm <sup>2</sup>	26 - 10 / 0.5 - 4 mm <sup>2</sup>	26 - 10 / 0.5 - 4 mm <sup>2</sup>	26 - 10 / 0.5 - 4 mm <sup>2</sup>
9 mm / 0.5 Nm	9 mm / 0.5 Nm	9 mm / 0.5 Nm	8 mm / 0.4 Nm
<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>
PIK 4 NK 319 129 20	PIK 4 ND-A 319 219 20 PIK 4 ND-B 319 229 20	PIK 4 NLD 319 329 (24V DC) / 319 319 (24V AC) 20 PIK 4 NLD 319 429 (48V DC) / 319 419 (48V AC) 20 PIK 4 NLD 319 629 (110V DC) / 319 619 (110V AC) 20 PIK 4 NLD 319 729 (220V DC) / 319 719 (220V AC) 20	PIK 4 FS 319 809 85
	1000 V		
	0.5 A		
	1 N 4007		
<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>
MR 35x7.5 500 601 1 m	MR 35x7.5 500 601 1 m	MR 35x7.5 500 601 1 m	MR 35x7.5 500 601 1 m
Delikli / Slotted 500 602 1 m	Delikli / Slotted 500 602 1 m	Delikli / Slotted 500 602 1 m	Delikli / Slotted 500 602 1 m
MR 35x7.5 500 603 2 m	MR 35x7.5 500 603 2 m	MR 35x7.5 500 603 2 m	MR 35x7.5 500 603 2 m
Delikli / Slotted 500 604 2 m	Delikli / Slotted 500 604 2 m	Delikli / Slotted 500 604 2 m	Delikli / Slotted 500 604 2 m
MR 35x15 500 606 1 m	MR 35x15 500 606 1 m	MR 35x15 500 606 1 m	MR 35x15 500 606 1 m
Delikli / Slotted 500 607 1 m	Delikli / Slotted 500 607 1 m	Delikli / Slotted 500 607 1 m	Delikli / Slotted 500 607 1 m
<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>
KD 3 495 049 100	KD 3 495 049 100	KD 3 495 049 100	KD 3 495 049 100
KD 4 495 059 100	KD 4 495 059 100	KD 4 495 059 100	KD 4 495 059 100
KD 7 495 219 50	KD 7 495 219 50	KD 7 495 219 50	KD 7 495 219 50
<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>
NPP PIK 2.5-4 N 449 019 25	NPP PIK 2.5-4 N 449 019 25	NPP PIK 2.5-4 N 449 019 25	NPP PIK 4 FS 449 029 25
			<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>
			KFD - 1288 593 010 200
			KFD - 2638 593 021 100
			KFD - 5638 593 030 100
<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>
UK 4/2 474 132 25	UK 4/2 474 132 25	UK 4/2 474 132 25	UK 4/2 476 232 25
UK 4/3 474 133 20	UK 4/3 474 133 20	UK 4/3 474 133 20	UK 4/3 476 233 20
UK 4/4 474 134 15	UK 4/4 474 134 15	UK 4/4 474 134 15	UK 4/4 476 234 15
UK 4/10 474 139 5	UK 4/10 474 139 5	UK 4/10 474 139 5	UK 4/10 476 239 5
Sadece alt katlar köprülenebilir	Sadece alt katlar köprülenebilir	Sadece alt katlar köprülenebilir	
<i>Only lower decks can be cross-connected</i>	<i>Only lower decks can be cross-connected</i>	<i>Only lower decks can be cross-connected</i>	
<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	
TF (Ø 2) 493 020 5	TF (Ø 2) 493 020 5	TF (Ø 2) 493 020 5	
TF (Ø 2.3) 493 023 5	TF (Ø 2.3) 493 023 5	TF (Ø 2.3) 493 023 5	
TSK 1 (Ø 2) 490 010 5	TSK 1 (Ø 2) 490 010 5	TSK 1 (Ø 2) 490 010 5	
TSK 3 (Ø 2.3) (*) 490 030 5	TSK 3 (Ø 2.3) (*) 490 030 5	TSK 3 (Ø 2.3) (*) 490 030 5	
<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>	<b>Tip/Type Sip.No./Cat.No. Mik./Qty.</b>
GE 496 110 50	GE 496 110 50	GE 496 110 50	GE 2 496 259 25
GE 496 119 50	GE 496 119 50	GE 496 119 50	ME 496 13A 25
ME 496 13A 25	ME 496 13A 25	ME 496 13A 25	ME 3 496 300 50
ME 3 496 300 50	ME 3 496 300 50	ME 3 496 300 50	
DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5	DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5	DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5	DY 5 DG 6/5 0.3x5 Şerit Etiket
DG 10/6	DG 10/6	DG 10/6	
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 39 A	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 39 A	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 39 A	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 20 A
6 kV / 3	6 kV / 3	6 kV / 3	4 kV / 3
1 / B4	1 / B4	1 / B4	1 / A4
IP20 / -	IP20 / -	IP20 / -	IP20 / -

(\*) Sadece alt katlarda kullanılabilir / Can only be used in lower deck

**Çok katlı klemens blokları:**

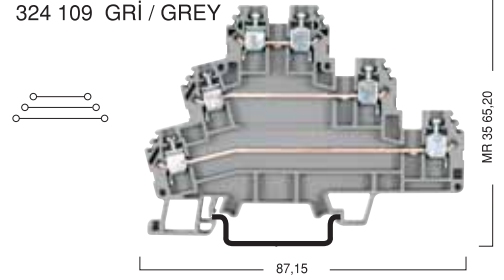
- Kablolamayı daha pratik ve estetik hale sokar.
- Elektrik panolarının her geçen gün biraz daha küçüldüğü günümüzde küçük alanda daha fazla bağlantıya imkan verir.
- Her katta ayrı ayrı köprüleme olanağı sunar. Bu özelliği ile sensör klemens bloklarının başında yer alır.
- Renkli katları sayesinde pozitif, negatif ve toprak uçlarını belirgin hale getirerek kablolama hatlarını en aza indirir ve kablolama hızını artırır.
- Kompakt tasarımı, bu klemensleri sınırlı alanlar için ideal hale sokar.

**Multi level terminal blocks:**

- Make wiring more practical
- Reduce the installation costs and speed the wiring.
- Provide individual cross connections for each layer.
- They are used at the edge of sensor terminal blocks.
- Provide definitive identification of positive, negative and ground connections with the help of internationally accepted colors for the related layers.
- Because of this property, they minimize wiring mistakes and wiring speed.
- Are ideal for limited spaces because of their compact designs.

**Vidalı Tip Çok Katlı Ray Klemensleri ve Aksesuarları**  
**Screw Type Terminal Blocks For Initiators, Actuators And Motors**

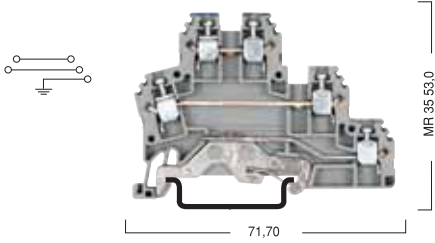
**PUK 3**  
Kalınlık / Width 6 mm  
324 109 GRİ / GREY



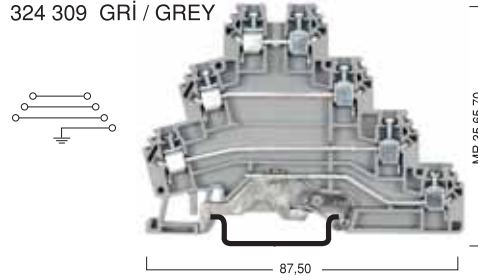
Anma Değerleri / Electrical Ratings		Gerilim / Akım / Kesit / Voltage/Current/Cross-section	
CE (EN 60947-7-1 / 60947-7-2)		440 V ~ / 24 A / 2,5 mm <sup>2</sup>	
UL / UL		300 V ~ / 24 A / AWG 24 - 12	
ATEX		400 V ~ / 24 A	
Bağlantı Bilgileri / Connection Data			
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection		0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>	
• AWG İletken / Yüksekli Çoklu İletken - AWG Conductor / Fine Strand with Ferrule		24 - 12 / 0,5 - 2,5 mm <sup>2</sup>	
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque		9 mm / 0,4 Nm	
Sipariş Bilgileri / Ordering Data		Tip/Type	Sip.No./Cat.No.
Polyamide 66		BEJ - BEIGE	PUK 3 324 100
		GRİ - GREY	PUK 3 324 109
Montaj Rayları / Mounting Rail		Tip/Type	Sip.No./Cat.No.
MR 35x7,5		MR 35x7,5	500 601
MR 35x7,5 Delikli / Slotted		Delikli / Slotted	500 602
MR 35x15		MR 35x15	500 603
MR 35x15 Delikli / Slotted		Delikli / Slotted	500 604
		MR 35x15	500 606
		Delikli / Slotted	500 607
Durdurucu / End Bracket		Tip/Type	Sip.No./Cat.No.
Kalınlık / Thickness 8 mm		KD 3	495 049
MR 35 için/For GRİ - GREY		KD 4	495 059
MR 35 için/For GRİ - GREY		KD 7	495 219
Nihayet Plakası / End Plate		Tip/Type	Sip.No./Cat.No.
Kalınlık / Thickness 1,5 mm		NPP PUK 3	450 139
Polyamide 66		NPP PUK 2 T	
GRİ - GREY		NPP PUK 3 T	
Ayrırma Dili / Small Partition		Tip/Type	Sip.No./Cat.No.
		AD	467 919
Üst Köprü / Cross - Connection		Tip/Type	Sip.No./Cat.No.
		UK 2,5/2	480 132
		UK 2,5/3	480 133
		UK 2,5/4	480 134
		UK 2,5/10	480 139
Test Fişi-Kov. / Test Plug-Soc.		Tip/Type	Sip.No./Cat.No.
		TF (Ø 2,3)	493 023
		TSK (Ø 2,3)	490 030
Grup Etiketli / Group Marking		Tip/Type	Sip.No./Cat.No.
GRİ / GREY		GE	496 119
SEFFAF / TRANSPARENT		ME	496 13A
SEFFAF / TRANSPARENT		ME3	496 300
Klemens Etiketli / Marking Tags (Dekafix)			
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.		DY 5 DG 6/5	
Teknik Bilgiler / Technical Data			
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data		0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A	
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity		6 kV / 3	
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1		1 / B3	
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type		IP20 / -	



**PUK 2 T**  
Kalınlık / Width 6 mm  
324 209 GRI / GREY



**PUK 3 T**  
Kalınlık / Width 6 mm  
324 309 GRI / GREY



Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section		
440 V ~ / 24 A / 2,5 mm <sup>2</sup>			440 V ~ / 24 A / 2,5 mm <sup>2</sup>		
300 V ~ / 24 A / AWG 24 - 12			300 V ~ / 24 A / AWG 24 - 12		
400 V ~ / 24 A			400 V ~ / 24 A		
0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>			0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>		
24 - 12 / 0,5 - 2,5 mm <sup>2</sup>			24 - 12 / 0,5 - 2,5 mm <sup>2</sup>		
9 mm / 0,4 Nm			9 mm / 0,4 Nm		
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
PUK 2 T	324 200	25	PUK 3 T	324 300	20
PUK 2 T	324 209	25	PUK 3 T	324 309	20
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP PUK 2 T	450 149	10	NPP PUK 3 T	450 159	10
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
AD 1	467 919	100	AD 1	467 919	100
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
UK 2,5/2	480 132	25	UK 2,5/2	480 132	25
UK 2,5/3	480 133	20	UK 2,5/3	480 133	20
UK 2,5/4	480 134	15	UK 2,5/4	480 134	15
UK 2,5/10	480 139	5	UK 2,5/10	480 139	5
Not: Sadece üst kat köprülenebilir. Only the upper decks can be cross-connected					
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
TF (Ø 2,3)	493 023	5	TF (Ø 2,3)	493 023	5
TSK 3 (Ø 2,3)	490 030	5	TSK 3 (Ø 2,3)	490 030	5
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50
DY 5 DG 6/5			DY 5 DG 6/5		
0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A			0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A		
6 kV / 3			6 kV / 3		
1 / B3			1 / B3		
IP20 / PE			IP20 / PE		

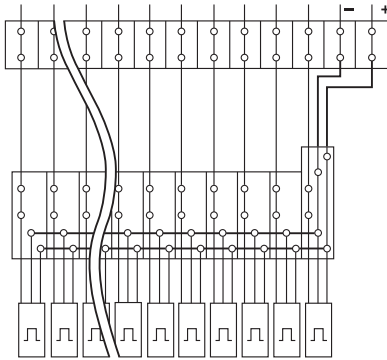
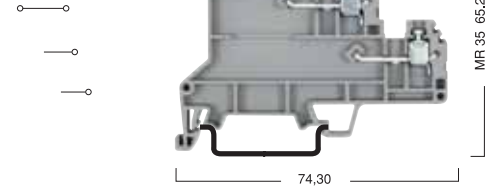
PUK 3S klemensleri, 3 katlı motor klemensler ile birlikte kullanılarak ve köprülenerek istenilen miktarda sensör bağlantı yapma imkanı sağlamaktadır.

PUK 3 S terminal blocks minimize wiring time and costs and cabinet space when terminating three wire devices such as sensors, proximity switches etc. PUK 3S terminal blocks can be used and cross connected with 3 - level motor terminal blocks to provide any needed number of sensor connections.

## Vidalı Tip Sensör Klemensleri Screw Type Sensor Terminals

### PUK 3 S

Kalınlık / Width 6 mm  
324 409 GRİ/GREY



Anma Değerleri / Electrical Ratings	Gerilim / Akım / Kesit / Voltage/Current/Cross-section
CE (EN 60947-1)	500 V ~ / 24 A / 2.5 mm <sup>2</sup>

Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection	0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>
• AWG İletken / Yükseküklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	24 - 12 / 0.5 - 2.5 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	9 mm / 0.4 Nm

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Polyamide 66	BEJ / BEIGE	PUK 3 S	324 400	20
	GRİ / GREY	PUK 3 S	324 409	20

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x7,5	500 601	1 m
MR 35x15 MR 35x15 Delikli / Slotted	MR 35x15	500 602	1 m
	MR 35x7,5	500 603	2 m
	Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli / Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Kalınlık / Thickness 8 mm	MR 35 için/For / GRİ - GREY	KD 3	495 049	100
	MR 35 için/For / GRİ - GREY	KD 4	495 059	100
		KD 7	495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat. No.	Mik./Qty.		
Kalınlık / Thickness 1,5 mm	Polyamide 66	GRİ / GREY	NPP PUK 3 S	450 169	10

Ayrırma Dili / Small Partition	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
	GRİ / GREY	AD 1	467 919	100

Üst köprü / Cross Connection	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	UK 2.5/2	480 132	25
	UK 2.5/3	480 133	20
	UK 2.5/4	480 134	15
	UK 2.5/10	480 139	5

Test Fişi-Kov. / Test Plug-Soc.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	TF (Ø 2.3)	493 023	5
	TSK (Ø 2.3)	490 030	5

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
	GRİ / GREY	GE	496 119	50
	SEFFAF / TRANSPARENT	ME	496 13A	25
	SEFFAF / TRANSPARENT	ME 3	496 300	50

Klemens Etiketleri / Marking Tags (Dekafix)	
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DG 6/5

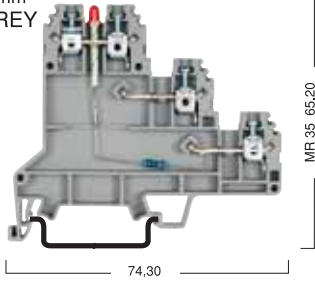
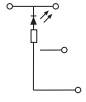
Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A
• Beyan darbe gerilimi / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	6 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B3
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -





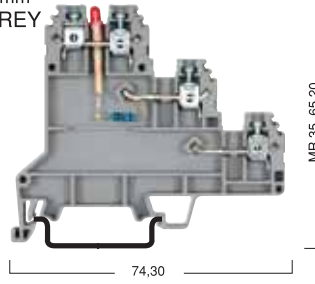
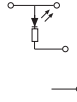
**PUK 3 SLD (NPN)**

Kalınlık / Width 6 mm  
324 419 GRI/GREY



**PUK 3 SLD (PNP)**

Kalınlık / Width 6 mm  
324 429 GRI/GREY



Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section		
- V ~ / 24 A / 2.5 mm <sup>2</sup>			- V ~ / 24 A / 2.5 mm <sup>2</sup>		
0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>		
24 - 12 / 0.5 - 2.5 mm <sup>2</sup>			24 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
9 mm / 0.4 Nm			9 mm / 0.4 Nm		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PUK 3 SLD (NPN)	324 410 (24 VDC)	20	PUK 3 SLD (PNP)	324 420 (24 VDC)	20
PUK 3 SLD (NPN)	324 419 (24 VDC)	20	PUK 3 SLD (PNP)	324 429 (24 VDC)	20
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP PUK 3 S	450 169	10	NPP PUK 3 S	450 169	10
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
AD 1	467 919	100	AD 1	467 919	100
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 2.5/2	480 132	25	UK 2.5/2	480 132	25
UK 2.5/3	480 133	20	UK 2.5/3	480 133	20
UK 2.5/4	480 134	15	UK 2.5/4	480 134	15
UK 2.5/10	480 139	5	UK 2.5/10	480 139	5
Üst kat köprülenemez / Upper deck cannot be cross-connected			Üst kat köprülenemez / Upper deck cannot be cross-connected		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50
DY 5 DG 6/5			DY 5 DG 6/5		
0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A			0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A		
6 kV / 3			6 kV / 3		
1 / B3			1 / B3		
IP20 / -			IP20 / -		

## Ayırma Klemensleri Disconnect Terminals

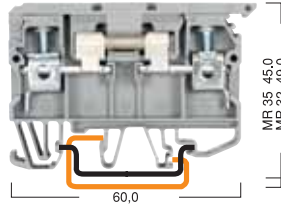
Ayırma klemensleri bağlı buldukları akım devrelerinde üzerlerinde bulunan ayırma mandalı sayesinde iletkenleri yerinden sökmeden devreyi açmaya ve kapamaya yararlar. İstenildiği takdirde ayırma mandalı içindeki bara uygun bir sigortayla değiştirilerek sigortalı klemens olarak da kullanılabilir. (ASK 3A hariç)

*Disconnect Terminals can switch the circuit by a disconnect busbar, without disconnecting the conductors. The disconnect busbar can be changed with a proper fuse to use as a fuse terminal optionally. (Except ASK 3A)*



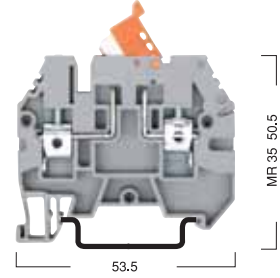
### ASK 2 B

Kalınlık / Width 8 mm  
360 119 GRİ/GREY



### ASK 3 A

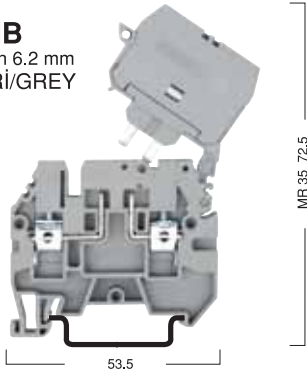
Kalınlık / Width 6.2 mm  
353 109 GRİ/GREY



Anma Değerleri / Electrical Ratings	Gerilim / Akım / Kesit / Voltage/Current/Cross-section	Gerilim / Akım / Kesit / Voltage/Current/Cross-section				
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 6.3 A / 6 mm <sup>2</sup>	500 V ~ / 16 A / 4 mm <sup>2</sup>				
UL / CSA	300 V ~ / 6.3 A / AWG 26-8	600 V ~ / 16 A / AWG 26-10				
Bağlantı Bilgileri / Connection Data	0.5 - 10 mm <sup>2</sup> / 1.5 - 10 mm <sup>2</sup>	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>				
• Tekli İletken, Vida bağlantılı - Çoğu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection	26 - 8 / 1.5 - 6 mm <sup>2</sup>	26 - 10 / 0.5 - 4 mm <sup>2</sup>				
• AWG İletken / Yükseküklü Çoğu İletken - AWG Conductor / Fine Strand with Ferrule	12 mm / 0.8 Nm	10 mm / 0.5 Nm				
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque						
Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66	ASK 2 B	360 110	25	ASK 3 A	353 100	50
	ASK 2 B	360 119	25	ASK 3 A	353 109	50
BEJ - BEIGE GRİ - GREY						
Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 32	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
MR 35x7.5 Delikli / Slotted	MR 35x7.5 Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x15 Delikli / Slotted	MR 35x15 Delikli / Slotted	500 603	2 m	MR 35x7.5	500 603	2 m
	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
	MR 32	500 101	1 m			
Durdurucu / End Bracket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Kalınlık / Thickness 8 mm	WGD 1	495 039	100			
GRİ - GREY	KD 3	495 049	100	KD 3	495 049	100
GRİ - GREY	KD 4	495 059	100	KD 4	495 059	100
GRİ - GREY	KD 7	495 219	50	KD 7	495 219	50
Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66 Kalınlık / Thickness 1.5 mm.	NPP ASK 2	450 040	25	NPP ASK 3	450 050	10
BEJ / BEIGE	NPP ASK 2	450 049	25	NPP ASK 3	450 059	10
GRİ / GREY						
Geçme Üst Köprü / Cross - Connection	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
				UK 4/2	476 232	25
				UK 4/3	476 233	20
				UK 4/4	476 234	15
Grup Etiketli / Group Marking	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GRİ / GREY	GE	496 119	50	GE	496 119	50
SEFFAF / TRANSPARENT	ME	496 13A	25	ME	496 13A	25
SEFFAF / TRANSPARENT	ME 3	496 300	50	ME 3	496 300	50
Klemens Etiketli / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DG 10/8 DY 10/5 DY 10/6 DG 10/5 DG 10/6			DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6		
Teknik Bilgiler / Technical Data	0.5 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 6.3 A	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 16 A				
• Bağlanabilen max iletken kesit aralığı / Max. clamping range / Max. technical data	6 kV / 3	6 kV / 3				
• Beyan darbe gerilim / Kirlilik derecesi - Rated Impulse Voltage/Pollution severity	1 / B5	1 / B4				
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	IP20 / -	IP20 / -				
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type						

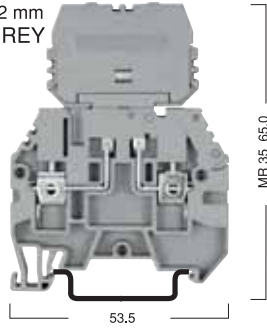
**ASK 3 MB**

Kalınlık / Width 6.2 mm  
363 009 GRI/GREY



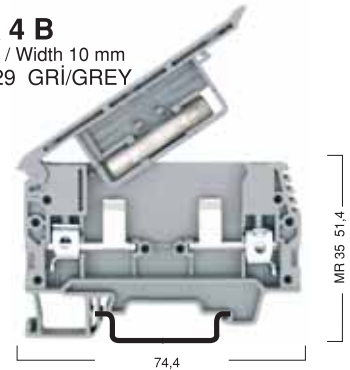
**ASK 3 FB**

Kalınlık / Width 6.2 mm  
362 009 GRI/GREY



**ASK 4 B**

Kalınlık / Width 10 mm  
360 129 GRI/GREY



Sıkma Torku/ Torque: 0,5 Nm

Sıkma Torku/ Torque: 0,5 Nm

Sıkma Torku/ Torque: 0,8 Nm

Gerilim / Akım / Kesit / Voltage/Current/Cross-section	Gerilim / Akım / Kesit / Voltage/Current/Cross-section	Gerilim / Akım / Kesit / Voltage/Current/Cross-section
500 V ~ / 16 A / 4 mm <sup>2</sup>	500 V ~ / 16 A / 4 mm <sup>2</sup>	750 V ~ / 6,3 A / 6 mm <sup>2</sup>
600 V ~ / 10 A / AWG 26-10	600 V ~ / 10 A / AWG 26-10	600 V ~ / 6,3 A / AWG 22-8

0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>	0.5 - 10 mm <sup>2</sup> / 1.5 - 10 mm <sup>2</sup>
26 - 10 / 0.5 - 4 mm <sup>2</sup>	26 - 10 / 0.5 - 4 mm <sup>2</sup>	26 - 8 / 1.5 - 6 mm <sup>2</sup>
10 mm / 0.5 Nm	10 mm / 0.5 Nm	12 mm / 0.8 Nm

Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
ASK 3 MB	363 000	20	ASK 3 FB	362 000	20	ASK 4 B	360 120	20
ASK 3 MB	363 009	20	ASK 3 FB	362 009	20	ASK 4 B	360 129	20

Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m

Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50

Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP ASK 3	450 050	10	NPP ASK 3	450 050	10
NPP ASK 3	450 059	10	NPP ASK 3	450 059	10

Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
UK 4/2	476 232	25	UK 4/2	476 232	25			
UK 4/3	476 233	20	UK 4/3	476 233	20			
UK 4/4	476 234	15	UK 4/4	476 234	15			

Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50

DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6	DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6	DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6 DG 10/8 DG 10/10
---	---	---

0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 16 A	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 16 A	0.5 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 6.3 A
6 kV / 3	6 kV / 3	6 kV / 3
1 / B4	1 / B4	1 / B5
IP20 / -	IP20 / -	IP20 / -

## Vidalı Tip Sigortalı Klemensler Screw Type Fuse Terminals

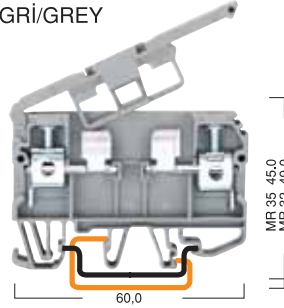
Klemensler, Ø5x20 veya Ø5x25 cam sigorta takılabilen ve yedek sigorta yuvası bulunan bir kartuşa sahiptir. Bu kartuş ASK 3 M tiplerinde bir mafsalla ana gövdeye bağlıdır. ASK 3 F klemenslerinde ise bu kartuşu bir fiş ile ayırmak mümkündür.

The terminal has a moving type hinged carrier that has a specially designed space for cartridge type glass fuse of size Ø5x20 or Ø5x25 together with a spare one. The fuse can be engaged or disengaged by the movement or by the replacement of the carrier in ASK 3 M and ASK 3 F type products respectively.



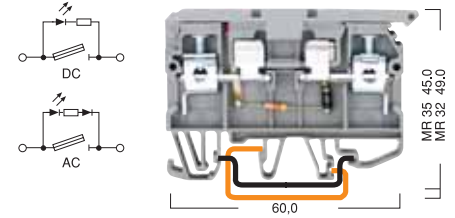
### ASK 2 S

Kalınlık / Width 8 mm  
351 109 GRİ/GREY



### ASK 2 LD

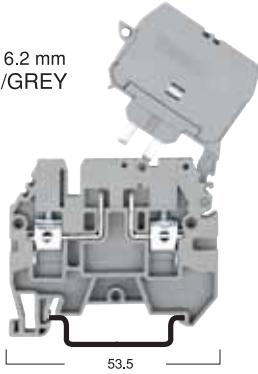
Kalınlık / Width 8 mm  
--- --9 GRİ/GREY



Anma Değerleri / Electrical Ratings	Gerilim / Akım / Kesit / Voltage/Current/Cross-section	Gerilim / Akım / Kesit / Voltage/Current/Cross-section						
CE (EN 60947-7-1 / 60947-7-3)	500 V ~ / 6.3 A / 6 mm <sup>2</sup>	- V ~ / 6.3 A / 6 mm <sup>2</sup>						
UL / CSA	300 V ~ / 6.3 A / AWG 26-8	- V ~ / 6.3 A / AWG 26-8						
<b>Bağlantı Bilgileri / Connection Data</b>								
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection	0.5 - 10 mm <sup>2</sup> / 1.5 - 10 mm <sup>2</sup>	0.5 - 10 mm <sup>2</sup> / 1.5 - 10 mm <sup>2</sup>						
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	26 - 8 / 1.5 - 6 mm <sup>2</sup>	26 - 8 / 1.5 - 6 mm <sup>2</sup>						
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	12 mm / 0.8 Nm	12 mm / 0.8 Nm						
<b>Sipariş Bilgileri / Ordering Data</b>	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
Polyamide 66	BEJ - BEIGE / GRİ - GREY	ASK 2 S	351 100 / 351 109	50	ASK 2 LD	351 210 / 351 219 (24V AC)	25	
					ASK 2 LD	351 220 / 351 229 (24V DC)	25	
					ASK 2 LD	351 310 / 351 319 (48V AC)	25	
					ASK 2 LD	351 320 / 351 329 (48V DC)	25	
					ASK 2 LD	351 510 / 351 519 (110V AC)	25	
					ASK 2 LD	351 520 / 351 529 (110V DC)	25	
					ASK 2 LD	351 610 / 351 619 (220V AC)	25	
					ASK 2 LD	351 620 / 351 629 (220V DC)	25	
<b>Montaj Rayları / Mounting Rails</b>	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
MR 32	MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x15 MR 35x15 Delikli / Slotted						
DIN EN 50035	DIN EN 50022	DIN EN 50022						
	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m		
	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m		
	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m		
	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m		
	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m		
	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m		
	MR 32	500 101	1 m	MR 32	500 101	1 m		
<b>Durdurucu / End Bracket</b>	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
Kalınlık / Thickness 8 mm	GRİ - GREY	WGD 1	495 039	100	WGD 1	495 039	100	
	GRİ - GREY	KD 3	495 049	100	KD 3	495 049	100	
	GRİ - GREY	KD 4	495 059	100	KD 4	495 059	100	
		KD 7	495 219	50	KD 7	495 219	50	
<b>Nihayet Plakası / End Plate</b>	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
Polyamide 66 Kalınlık / Thickness 1.5 mm.	BEJ / BEIGE- GRİ / GREY	NPP ASK 2	450 040 / 450 049	25	NPP ASK 2	450 040 / 450 049	25	
	BEJ / BEIGE- GRİ / GREY							
	BEJ / BEIGE- GRİ / GREY							
<b>Geçme Üst Köprü / Cross - Connection</b>	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
<b>Sigorta Buşonu / Fuse Cartridges</b>	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
5 x 20 mm.	MSB	359 001	10	MSB	359 001	10		
5 x 25 mm.	MSB	359 002	10	MSB	359 002	10		
1 ..... 10 A								
1 ..... 10 A								
<b>Grup Etiketli / Group Marking</b>	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
GRİ / GREY	GE	496 119	50	GE	496 119	50		
SEFFAF/ TRANSPARENT	ME	496 13A	25	ME	496 13A	25		
(KD7 ile kullanılmaktadır) Used with KD7)	ME 3	496 300	50	ME 3	496 300	50		
<b>Klemens Etiketli / Marking Tags (Dekafix)</b>	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5	DG10/8	DG10/5	DG10/6	DY 5	DG10/8	DG10/5	DG10/6
<b>Teknik Bilgiler / Technical Data</b>								
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	0.5 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 6.3 A			0.5 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 6.3 A				
• Beyan darbe gerilim / Kirliilik derecesi - Rated Impulse Voltage/Pollution severity	6 kV / 3			6 kV / 3				
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B5			1 / B5				
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -			IP20 / -				

**ASK 3 M**

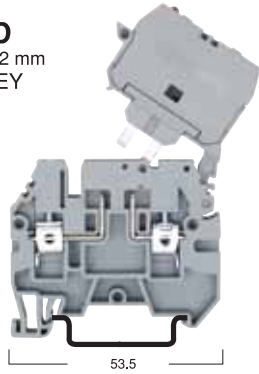
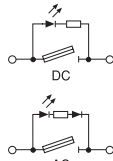
Kalınlık / Width 6.2 mm  
355 109 GRİ/GREY



MR 35 72.5

**ASK 3 MLD**

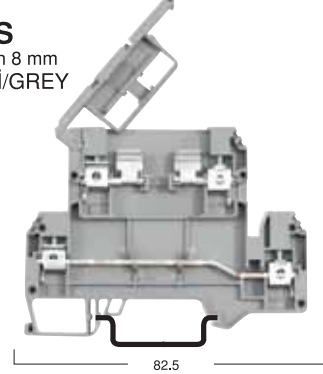
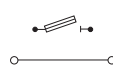
Kalınlık / Width 6.2 mm  
---9 GRİ/GREY



MR 35 72.5

**AVK 4 FS**

Kalınlık / Width 8 mm  
353 309 GRİ/GREY



MR 35 66.5

Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section		
500 V ~ / 10 A / 4 mm <sup>2</sup>			- V ~ / 10 A / 4 mm <sup>2</sup>			500 V ~ / 6.3 A / 4 mm <sup>2</sup> - 500 V ~ / 32 A / 4 mm <sup>2</sup>		
600 V ~ / 10 A / AWG 26-10			- V ~ / 10 A / AWG 26-10			300 V ~ / 6.3 A / 4 mm <sup>2</sup> - 300 V ~ / 30 A / 4 mm <sup>2</sup>		
0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>		
26 - 10 / 0.5 - 4 mm <sup>2</sup>			26 - 10 / 0.5 - 4 mm <sup>2</sup>			26 - 10 / 0.5 - 4 mm <sup>2</sup>		
12 mm / 0.5 Nm			12 mm / 0.5 Nm			9 mm / 0.5 Nm		
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
ASK 3 M	355 100 / 355 109	30	ASK 3 MLD	355 210 / 355 219 (24V AC)	30	AVK 4 FS	353 300	50
			ASK 3 MLD	355 220 / 355 229 (24V DC)	30	AVK 4 FS	353 309	50
			ASK 3 MLD	355 310 / 355 319 (48V AC)	30			
			ASK 3 MLD	355 320 / 355 329 (48V DC)	30			
			ASK 3 MLD	355 510 / 355 519 (110V AC)	30			
			ASK 3 MLD	355 520 / 355 529 (110V DC)	30			
			ASK 3 MLD	355 610 / 355 619 (220V AC)	30			
			ASK 3 MLD	355 620 / 355 629 (220V DC)	30			
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP ASK 3	450 050 / 450 059	10	NPP ASK 3	450 050 / 450 059	10	NPP AVK 4 FS	450 200 / 450 209	10
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
UK 4/2	476 232	25	UK 4/2	476 232	25	UK 6/2	476 242	25
UK 4/3	476 233	20	UK 4/3	476 233	20	UK 6/3	476 243	20
UK 4/4	476 234	15	UK 4/4	476 234	15	UK 6/4	476 244	15
						UK 6/10	476 249	5
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MSB	359 001	10	MSB	359 001	10	MSB	359 001	10
MSB	359 002	10	MSB	359 002	10	MSB	359 002	10
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6			DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6			DY 5 DG 6/5		
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 10 A			0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 10 A			0.2 - 4 mm <sup>2</sup> / 6 mm <sup>2</sup> - 10 A / 41 A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / B4			1 / B4			1 / B4		
IP20 / -			IP20 / -			IP20 / -		

## Vidalı Tip Sigortalı Klemensler Screw Type Fuse Terminals

Klemensler, Ø5x20 veya Ø5x25 cam sigorta takılabilen ve yedek sigorta yuvası bulunan bir kartuşa sahiptir. Bu kartuş ASK 3 M tiplerinde bir mafsalla ana gövdeye bağlıdır. ASK 3 F klemenslerinde ise bu kartuşu bir fiş ile ayırmak mümkündür.

The terminal has a moving type hinged carrier that has a specially designed space for cartridge type glass fuse of size Ø5x20 or Ø5x25 together with a spare one. The fuse can be engaged or disengaged by the movement or by the replacement of the carrier in ASK 3 M and ASK 3 F type products respectively.



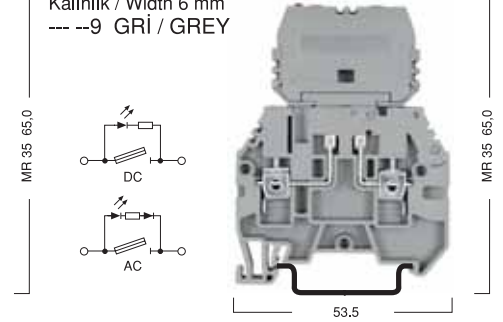
### ASK 3 F

Kalınlık / Width 6 mm  
354 109 GRİ / GREY



### ASK 3 FLD

Kalınlık / Width 6 mm  
--- --9 GRİ / GREY



Anma Değerleri / Electrical Ratings		Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section			
CE (EN 60947-7-1 / 60947-7-3) UL / CSA		500 V ~ / 10 A / 4 mm <sup>2</sup> 600 V ~ / 10 A / AWG 26-10			- V ~ / 10 A / 4 mm <sup>2</sup> - V ~ / 10 A / AWG 26-10			
Bağlantı Bilgileri / Connection Data		0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup> 26 - 10 / 0.5 - 4 mm <sup>2</sup> 12 mm / 0.5 Nm			0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup> 26 - 10 / 0.5 - 4 mm <sup>2</sup> 12 mm / 0.5 Nm			
Sipariş Bilgileri / Ordering Data		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Polyamide 66		BEJ - BEIGE / GRİ - GREY	ASK 3 F	354 100 / 354 109	30	ASK 3 FLD	354 210 / 354 219 (24V AC)	30
		BEJ - BEIGE / GRİ - GREY				ASK 3 FLD	354 220 / 354 229 (24V DC)	30
		BEJ - BEIGE / GRİ - GREY				ASK 3 FLD	354 310 / 354 319 (48V AC)	30
		BEJ - BEIGE / GRİ - GREY				ASK 3 FLD	354 320 / 354 329 (48V DC)	30
		BEJ - BEIGE / GRİ - GREY				ASK 3 FLD	354 510 / 354 519 (110V AC)	30
		BEJ - BEIGE / GRİ - GREY				ASK 3 FLD	354 520 / 354 529 (110V DC)	30
		BEJ - BEIGE / GRİ - GREY				ASK 3 FLD	354 610 / 354 619 (220V AC)	30
		BEJ - BEIGE / GRİ - GREY				ASK 3 FLD	354 620 / 354 629 (220V DC)	30
Montaj Rayları / Mounting Rails		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
MR 35x7,5 MR 35x7,5 Delikli / Slotted		MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	
MR 35x15 MR 35x15 Delikli / Slotted		Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	
DIN EN 50022		MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	
DIN EN 50022		Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	
		MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	
		Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	
Durdurucu / End Bracket		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Kalınlık / Thickness 8 mm		KD 3	495 049	100	KD 3	495 049	100	
MR 35 İçin/For GRİ/GREY		KD 4	495 059	100	KD 4	495 059	100	
MR 35 İçin/For GRİ/GREY		KD 7	495 219	50	KD 7	495 219	50	
Nihayet Plakası / End Plate		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Kalınlık / Thickness 1.5 mm. Polyamide 66		NPP ASK 3	450 050	10	NPP ASK 3	450 050	10	
BEJ / BEIGE GRİ / GREY		NPP ASK 3	450 059	10	NPP ASK 3	450 059	10	
Geçme Üst Köprü / Cross - Connection		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
		UK 4/2	476 232	25	UK 4/2	476 232	25	
		UK 4/3	476 233	20	UK 4/3	476 233	20	
		UK 4/4	476 234	15	UK 4/4	476 234	15	
		UK 4/10	476 239	5	UK 4/10	476 239	5	
Sigorta Buşonu / Fuse Cartridges		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
5 x 20 mm.		MSB	359 001	10	MSB	359 001	10	
5 x 25 mm.		MSB	359 002	10	MSB	359 002	10	
Grup Etiketli / Group Marking		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
GRİ / GREY SEFFAF/ TRANSPARENT		GE	496 119	50	GE	496 119	50	
(KD7 ile kullanılmaktadır / Used with KD7)		ME	496 13A	25	ME	496 13A	25	
		ME 3	496 300	50	ME 3	496 300	50	
Klemens Etiketli / Marking Tags (Dekafix)		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.		DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6			DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6			
Teknik Bilgiler / Technical Data		0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 10 A			0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 10 A			
• Bağlanabilen max iletkin kesit aralığı / Max.kesite karşılık gelen akım değeri Max.clamping range / Max. technical data		6 kV / 3			6 kV / 3			
• Beyan darbe gerilim / Kirlilik derecesi - Rated Impulse Voltage/Pollution severity		1 / B4			1 / B4			
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1		IP20 / -			IP20 / -			
• Koruma sınıfı / Koruma iletkin tipi - Protection class / Protection conductor type								

**Amerikan Standardı Sigortalı Ayırma Klemensleri**  
*Fuse Terminals for American Standards*

Özellikle ABD'de standart şekilde kullanılan 6,35 mm. x 31,75 mm. (1/4" x 1 1/4") ölçüsündeki sigortaların kullanımı için tasarlanmıştır.

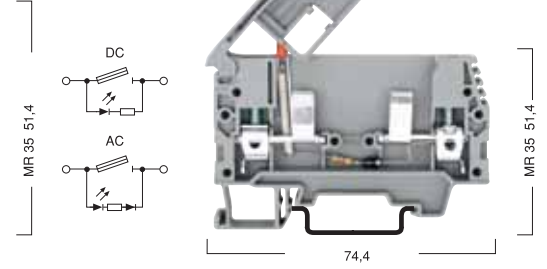
*Especially designed for the fuses of 6,35 mm. x 31,75 mm. (1/4" x 1 1/4") which are inside American standards.*



**ASK 4 S**  
Kalınlık / Width 10 mm  
351 129 GRİ / GREY



**ASK 4 LD**  
Kalınlık / Width 10 mm  
--- --9 GRİ / GREY



Anma Değerleri / Electrical Ratings		Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section			
CE (EN 60947-7-1 / 60947-7-3) UL / CSA		750 V ~ / 6.3 A / 6 mm <sup>2</sup> 600 V ~ / 6.3 A / AWG 22-8			- V ~ / 6.3 A / 6 mm <sup>2</sup> - V ~ / - A / AWG 22-8			
Bağlantı Bilgileri / Connection Data		0.5 - 10 mm <sup>2</sup> / 1.5 - 10 mm <sup>2</sup> 22 - 8 / 1.5 - 6 mm <sup>2</sup> 12 mm / 0.8 Nm			0.5 - 10 mm <sup>2</sup> / 1.5 - 10 mm <sup>2</sup> 22 - 8 / 1.5 - 6 mm <sup>2</sup> 12 mm / 0.8 Nm			
Sipariş Bilgileri / Ordering Data		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Polyamide 66		BEJ - BEIGE / GRİ - GREY	ASK 4 S	351 120 / 351 129	20	ASK 4 LD	351 710 / 351 719 (24V AC)	20
		BEJ - BEIGE / GRİ - GREY				ASK 4 LD	351 720 / 351 729 (24V DC)	20
		BEJ - BEIGE / GRİ - GREY				ASK 4 LD	351 730 / 351 739 (48V AC)	20
		BEJ - BEIGE / GRİ - GREY				ASK 4 LD	351 740 / 351 749 (48V DC)	20
		BEJ - BEIGE / GRİ - GREY				ASK 4 LD	351 750 / 351 759 (110V AC)	20
		BEJ - BEIGE / GRİ - GREY				ASK 4 LD	351 760 / 351 769 (110V DC)	20
		BEJ - BEIGE / GRİ - GREY				ASK 4 LD	351 770 / 351 779 (220V AC)	20
		BEJ - BEIGE / GRİ - GREY				ASK 4 LD	351 780 / 351 789 (220V DC)	20
Montaj Rayları / Mounting Rails		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
MR 35x7,5 MR 35x7,5 Delikli / Slotted		MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	
MR 35x15 MR 35x15 Delikli / Slotted		Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	
		MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	
		Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	
		MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	
		Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	
Durdurucu / End Bracket		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Kalınlık / Thickness 8 mm		KD 3	495 049	100	KD 3	495 049	100	
MR 35 için/For GRİ/GREY		KD 4	495 059	100	KD 4	495 059	100	
MR 35 için/For GRİ/GREY		KD 7	495 219	50	KD 7	495 219	50	
Sigorta Buşonu / Fuse Cartridges		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
6,35 x 31,75 mm.(1/4" x 1 1/4") 1 ..... 10 A		MSB	359 020	10	MSB	359 020	10	
Grup Etiketli / Group Marking		Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
		GE	496 119	50	GE	496 119	50	
(KD7 ile kullanılmaktadır / Used with KD7)		ME	496 13A	25	ME	496 13A	25	
GRİ / GREY ŞEFFAF / TRANSPARENT		ME 3	496 300	50	ME 3	496 300	50	
Klemens Etiketli / Marking Tags (Dekafix)		Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8 DG 10/10 DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8 DG 10/10			
Teknik Bilgiler / Technical Data		Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data 8 kV / 3 Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1 Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type			0.5 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 6.3 A 0.5 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 6.3 A 8 kV / 3 1 / B5 IP20 / -			

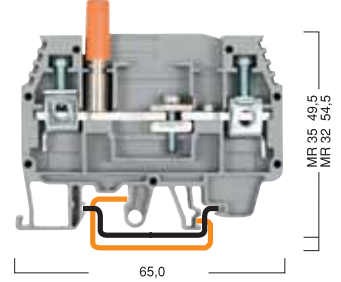
Ölçme ve Ayırma klemensleri kısaca sistemde enerji varken gerekli ölçümleri yapabilmek amacı ile kullanılırlar. Bu klemensler panolarda bulunan akım trafolarının çıkışlarına takılmaktadır. Klemenslerin diğer çıkışları ise ölçü aletlerine gitmektedir. Bu klemensler kullanılarak akım trafolarının sekonder uçları kısa devre yapılarak sistemdeki ampermetreler sökülüp değiştirilebilir veya ampermetreleri sökmeden doğru ölçüm yapıp yapmadıklarını test etmek mümkün olur. Klemsan'ın yeni nesil Ölçme ve Ayırma klemensleri olan WGO 3 ürününde ise kayar köprü temas yüzeyleri 10 kat artırılmıştır. Hareketli üst köprü sistemi ve izolasyonlu test kovani sayesinde güvenli ve pratiktir. Açık konumda olan üst köprü, tırnaklar yardımı ile titreşimlerde yerinden oynamamaktadırlar. Ayrıca üst köprünün hareketli olmasından dolayı kısa devre yapmak kolaydır. WGO 3 ürününde tarak köprü kullanılabilir.

Test/Disconnect terminal blocks are used to perform required tests without switching off the power in the system. These products are installed at the secondary side of current transformers, and thus, electrical ratings can be observed by testing equipment connected to the product. In addition, it is possible to perform all required tests without disconnecting the ammeter. In order to change a defected ammeter, secondary side of the transformer is short-circuited, and afterwards, the ammeter is disconnected securely. In the new generation test/disconnect terminal blocks named WGO 3 the connection surface area of the sliding bridge has been increased by 10 times. Thanks to the sliding bridge and insulated test socket, the component is safe and functional, and short circuiting is easy. Another advantage of these new products is that the sliding bridge remains concrete due to bridge holder pins. Comb connectors can also be used with WGO 3.

## Ölçme / Ayırma Klemensleri Test / Disconnect Terminals

### WGO 1



Kalınlık / Width 8 mm  
--- --9 GRI / GREY




Anma Değerleri / Electrical Ratings	Gerilim / Akım / Kesit / Voltage/Current/Cross-section
CE (EN 60947-7-1)	400 V ~ / 41 A / 6 mm <sup>2</sup>
UL / CSA	300 V ~ / 50 A / AWG 20-8

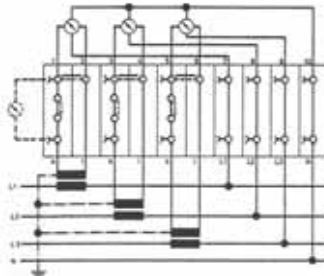

Baglantı Bilgileri / Connection Data	
• Tekli İletken/Vida bağlantılı - Çoklu İletken/Vida bağlantılı Solid Strand/Screw Connection - Fine Strand/Screw Connection	0.5 - 10 mm <sup>2</sup> / 1.5 - 10 mm <sup>2</sup>
• AWG İletken / Yüksek Güçlü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	20 - 8 / 1.5 - 6 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torqu - Insulation Stripping Length / Torque	12 mm / 0.8 Nm


Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamid 66	Kovansız / Without Test Socket	BEJ / BEIGE	
	Tek Kovanlı / Test Socket	BEJ / BEIGE	WGO 1 370 500 50
	Çift Kovanlı / Double Socket	BEJ / BEIGE	WGO 1 370 501 50
	Tek Test Kovanlı / Only Test Socket	BEJ / BEIGE	WGO 1 370 502 50
	Çift Test Kovanlı / Double Test Socket	BEJ / BEIGE	WGO 1 370 503 50
	Kovansız / Without Test Socket	GRI / GREY	WGO 1 370 590 50
	Tek Kovanlı / Test Socket	GRI / GREY	WGO 1 370 591 50
	Çift Kovanlı / Double Socket	GRI / GREY	WGO 1 370 592 50
	Tek Test Kovanlı / Only Test Socket	GRI / GREY	WGO 1 370 593 50
	Çift Test Kovanlı / Double Test Socket	GRI / GREY	


Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	MR 35x7.5	500 601	1 m
MR 35x7,5 Delikli / Slotted	Delikli / Slotted	500 602	1 m
Kalınlık / Thickness 8 mm	MR 35x7.5	500 603	2 m
	Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli / Slotted	500 607	1 m
	MR 32	500 101	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	KD 3	495 040 / 495 049	100
	KD 4	495 050 / 495 059	100
	KD 6A	495 100 / 495 109	100
	KD 7	495 210 / 495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP-WGO 1	NPP-WGO 1	450 100	25
NPP-WGO 3-4	NPP-WGO 1	450 109	25

Üst Köprü / Cross - Connection	Üst Köprü Ayırma Aparatı / Disconnecting Tool	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
		IZUK 6/2	476 302	10
		IZUK 6/3	476 303	10
		IZUK 6/4	476 304	10
		IZUK 6/6	476 306	10
		IZUK 6/10	476 309	5
		WGO UAA	498 300	1
		IZUK 10W/6		

Tarak Köprü / Comb Connector	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	TKO 6/2	476 282	25
	TKO 6/3	476 283	20
	TKO 6/4	476 284	15
	TKO 6/10	476 289	5

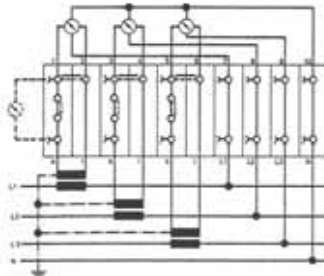
Test Fişi ve Kovani / Test Plug and Socket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	TF 4	493 040	5
	TSK 10	490 100	5

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	GE	496 110 / 496 119	50
	ME	496 13A	25
	ME 3	496 300	50

Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5		
	DG 10/6 DG 10/8		

Teknik Bilgiler / Technical Data	
• Bağlanabilen max İletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max.clamping range / Max. technical data	0.2 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 57 A
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	6 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B5
• Koruma sınıfı / Koruma İletken tipi - Protection class / Protection conductor type	IP20 / -

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver

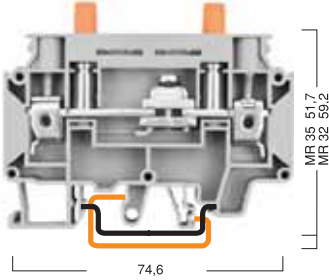


WGO üst köprü ayırma aparatı  
WGO Terminal Block with cross connection  
disconnecting tool.



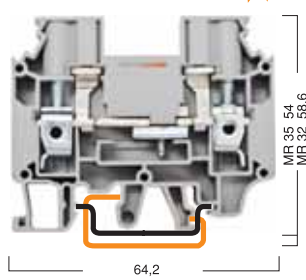
WGO 2 N

Kalınlık / Width 10 mm  
--- --9 GRİ / GREY



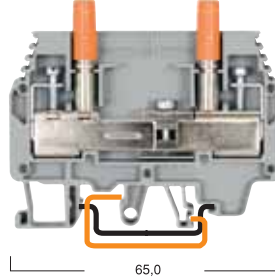
WGO 2IR

Kalınlık / Width 10 mm  
375 909 GRİ / GREY



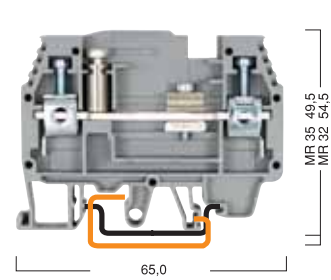
WGO 3

Kalınlık / Width 8 mm  
--- --9 GRİ / GREY



WGL 1

Kalınlık / Width 8 mm  
370 791 GRİ/GREY



Gerilim / Akım / Kesit / Voltage/Current/Cross-section	Gerilim / Akım / Kesit / Voltage/Current/Cross-section	Gerilim / Akım / Kesit / Voltage/Current/Cross-section	Gerilim / Akım / Kesit / Voltage/Current/Cross-section								
400 V ~ / 57 A / 10 mm <sup>2</sup>	500 V ~ / 57 A / 10 mm <sup>2</sup>	400 V ~ / 41 A / 6 mm <sup>2</sup> 300 V ~ / 43 A / AWG 20-8	400 V ~ / 41 A / 6 mm <sup>2</sup> 300 V ~ / 50 A / AWG 20-8								
1.5 - 16 mm <sup>2</sup> / 1.5 - 16 mm <sup>2</sup>	1.5 - 16 mm <sup>2</sup> / 1.5 - 16 mm <sup>2</sup>	0.5 - 10 mm <sup>2</sup> / 1.5 - 10 mm <sup>2</sup>	0.5 - 10 mm <sup>2</sup> / 1.5 - 10 mm <sup>2</sup>								
16 - 8 / 1.5 - 10 mm <sup>2</sup>	16 - 8 / 1.5 - 10 mm <sup>2</sup>	20 - 8 / 1.5 - 6 mm <sup>2</sup>	20 - 8 / 1.5 - 6 mm <sup>2</sup>								
10 mm / 1.2 Nm	10 mm / 1.5 Nm	10 mm / 0.8 Nm	10 mm / 0.8 Nm								
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
WGO 2 N	375 800	50	WGO 2 IR	375 900	50	WGO 3	375 600	50	WGL 1	375 700	50
WGO 2 N	375 801	50				WGO 3	375 601	50	WGL 1	375 701	50
WGO 2 N	375 804	50									
WGO 2 N	375 803	50				WGO 3	375 603	50	WGL 1	375 702	50
WGO 2 N	375 802	50				WGO 3	375 602	50			
WGO 2 N	375 890	50	WGO 2 IR	375 909	50	WGO 3	375 690	50	WGL 1	375 790	50
WGO 2 N	375 891	50				WGO 3	375 691	50	WGL 1	375 791	50
WGO 2 N	375 894	50									
WGO 2 N	375 893	50				WGO 3	375 693	50	WGL 1	375 792	50
WGO 2 N	375 892	50				WGO 3	375 692	50			
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
MR 32	500 101	1 m	MR 32	500 101	1 m	MR 32	500 101	1 m	MR 32	500 101	1 m
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 3	495 040 / 495 049	100	KD 3	495 040 / 495 049	100	KD 3	495 040 / 495 049	100	KD 3	495 040 / 495 049	100
KD 4	495 050 / 495 059	100	KD 4	495 050 / 495 059	100	KD 4	495 050 / 495 059	100	KD 4	495 050 / 495 059	100
KD 6	495 090 / 495 099	100	KD 6	495 090 / 495 099	100	KD 6A	495 100 / 495 109	100	KD 6A	495 100 / 495 109	100
KD 7	495 210 / 495 219	50	KD 7	495 210 / 495 219	50	KD 7	495 210 / 495 219	50	KD 7	495 210 / 495 219	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP-WGO 2 N	450 230	5	NPP-WGO 2 IR	450 240	5	NPP-WGO 3	450 220	5	NPP-WGO 1-2	450 100	5
NPP-WGO 2 N	450 239	5	NPP-WGO 2 IR	450 249	5	NPP-WGO 3	450 229	5	NPP-WGO 1-2	450 109	5
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
IZUK 10/2	476 402	10	IZUK 10W/2	476 502	10	IZUK 6/2	476 302	10	IZUK 6/2	476 302	10
IZUK 10/3	476 403	10	IZUK 10W/3	476 503	10	IZUK 6/3	476 303	10	IZUK 6/3	476 303	10
IZUK 10/4	476 404	10	IZUK 10W/4	476 504	10	IZUK 6/4	476 304	10	IZUK 6/4	476 304	10
IZUK 10/6	476 406	10	IZUK 10W/6	476 506	10	IZUK 6/6	476 306	10	IZUK 6/6	476 306	10
IZUK 10/10	476 409	5	IZUK 10W/10	476 509	10	IZUK 6/10	476 309	5	IZUK 6/10	476 309	5
						WGO UAA	498 300	1	WGO UAA	498 300	1
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
TKO 10/2	476 292	25	TKO 10/2	476 292	25	TKO 6/2	476 282	25	TKO 6/2	476 282	25
TKO 10/3	476 293	20	TKO 10/3	476 293	20	TKO 6/3	476 283	20	TKO 6/3	476 283	20
TKO 10/4	476 294	15	TKO 10/4	476 294	15	TKO 6/4	476 284	15	TKO 6/4	476 284	15
TKO 10/10	476 299	5	TKO 10/10	476 299	5	TKO 6/10	476 289	5	TKO 10/10	476 289	5
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
ITK 35	492 030	5				TF 4	493 040	5	TF 4	493 040	5
TSK 6	490 060	5	TF 4	493 050	10				TSK 10	490 100	5
TF 4	493 040	5	(Q 4 Vida Bağlantılı)			TSK 10	490 100	5	TSK 10	490 100	5
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GE	496 110 / 496 119	50				GE	496 110 / 496 119	50	GE	496 110 / 496 119	50
ME	496 13A	25				ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
DY 5 DB 10/5 DB 10/6 DB 10/6.5 DG 6/5			DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5		
DG 10/5 DG 10/6 DG 10/8 DG 10/10			DG 10/8 DG 10/10 11.2 / 5 Şerit Etiket			DG 10/5 DG 10/6 DG 10/8			DG 10/5 DG 10/6 DG 10/8		
1.5 - 16 mm <sup>2</sup> / 16 mm <sup>2</sup> - 57 A			1.5 - 16 mm <sup>2</sup> / 16 mm <sup>2</sup> - 57 A			0.2 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 57 A			0.2 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 57 A		
4 kV / 3			6 kV / 3			6 kV / 3			6 kV / 3		
1 / B5			1 / A6			1 / B5			1 / B5		
IP20 / -			IP20 / -			IP20 / -			IP20 / -		

AVK 4 C bir giriş ve iki çıkış sağlayan bir klemensdir. Klemensin ortasından köprüleme yapabilmek mümkündür.

AVK 4 C provides one terminal point on one side and two terminal points on the other connection side. Bridging is provided at the center of the terminal.

## AYK Serisi / AYK Series

Klemsan, aydınlatma direkleri içinde yaşanan kablo bağlantı güçlüklerini gidermek amacı ile AYK Geçiş Klemensini geliştirmiştir. AYK klemensleri tek bir köprü üzerine dört adet kablo bağlantısına imkan sağladığı için panolarda adeta bir dağıtım klemensleri olarak da kullanılabilir.

### Bağlantı Şekli:

AYK klemenslerinin bir tarafında iki adet 16 mm<sup>2</sup>'lik, diğer tarafında ise iki adet 10 mm<sup>2</sup>'lik olmak üzere, bir köprü üzerinde toplam dört adet giriş bulunmaktadır. Bu sayede toprak altından direğe giren kablo ile diğer direğe giren kabloları herhangi bir büküm yapmadan klemense bağlamak mümkündür. Klemensin diğer tarafındaki girişler ise sigorta üzerinden armatüre giden bağlantı için kullanılabilir. Aydınlatma direklerinde 3 fazın da kullanıldığı düşünülerek AYK klemensleri tekli ayaklı, tekli ayaksız, ikili, üçlü, dördü ve beşli blok olarak üretilmiştir. Bir aydınlatma direği içinde bir adet dördü blok ve bir otomatik sigorta kullanılarak, 3 faz + nötr bağlantısı yapılır.

\* İstenildiği takdirde raya montajlı 2'li, 3'lü, 4'lü veya 5'li set olarak da verilebilir.

### DISTRIBUTION TERMINALS

Klemsan offers you AYK Distribution Terminals to prevent connection difficulties inside the lighting poles.

Since for cable connection is done via one inside cross-connection, AYK terminals can be used as distribution terminal in electric panels.

### Connection :

AYK terminals have four input connections on an inside cross-connection; two 16 mm<sup>2</sup> section on one side and two 10 mm<sup>2</sup> section on the other. It is possible to connect two cables, one coming from ground to pole, other from pole to pole, to the terminal without bending the cables. Input connections, on the other side of the terminal, can be used in armature connection via fuse. Since lighting poles have three phase system. AYK terminals are produced as single mountable, single non-mountable terminals and double, triple, quartet and fivevolt blocks. In a lighting pole, three phase + neutral connection is done by a quartet block and an automatic fuse.

## Bir Giriş İki Çıkış Klemensler One Input Two Output Terminals

## Geçiş Klemensleri Distribution Terminals



Anma Değerleri / Electrical Ratings	Gerilim / Akım / Voltage / Voltage/Current/Cross-section
CE (EN 60947-7-1)	750 V ~ / 32 A / 4 mm <sup>2</sup>

Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0.5 - 4 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torqu - Insulation Stripping Length / Torque	10 mm / 0.5 Nm

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Polyamide 66	BEJ / BEIGE	AVK 4 C	325 100	50
	BEJ / BEIGE			
	BEJ / BEIGE			
	BEJ / BEIGE			
	GRI / GREY	AVK 4 C	325 109	50

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	MR 35x7,5	500 601	1 m
MR 35x7,5 Delikli / Slotted	Delikli/Slotted	500 602	1 m
	MR 35x7,5	500 603	2 m
	Delikli/Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli/Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Kalınlık / Thickness 8 mm	BEJ-BEIGE / GRI - GREY			
	BEJ-BEIGE / GRI - GREY	KD 3	495 040 / 495 049	100
	BEJ-BEIGE / GRI - GREY	KD 4	495 050 / 495 059	100
	BEJ-BEIGE / GRI - GREY	KD 7	495 219 / 495 219	100

Nihayet /Ayrırma Plakası / End Plate	Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
Kalınlık / Thickness 1,5 mm	Polyamide 66	BEJ / BEIGE	NPP AVK 4 C	450 170	10
	GRI / GREY		NPP AVK 4 C	450 179	10

Üst Köprü / Cross Connection	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	UK 4/2	480 142	25
	UK 4/3	480 143	20
	UK 4/4	480 144	15
	UK 4/10	480 149	5

Test Fişi-Kov / İzoleli Test Kov. / Test Plug-Soc. / Ins. Test Soc.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	TF (Ø 2.3)	493 023	5
	TF (Ø 4)	493 040	5
	TSK 4 (Ø 2.3)	490 040	5
	TSK 7 (Ø 4)	490 070	5
	ITK 28 (Ø 4)	492 010	5

İkaz Plakası / Warning Label	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	IP 2 S	498 130	25
	IP 2	498 140	25

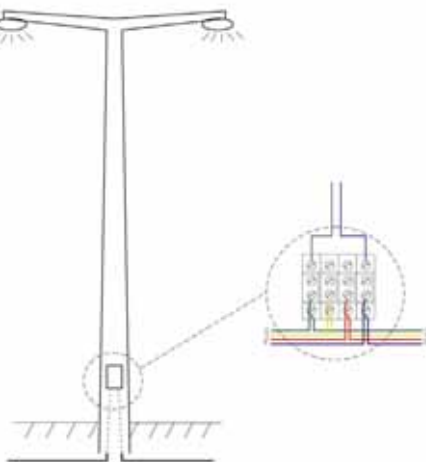
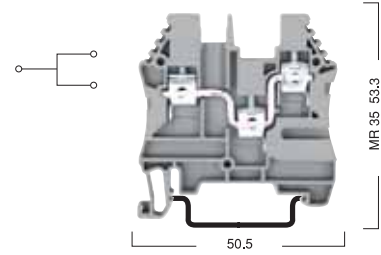
Grup Etiket / Group Marking	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
	BEJ-BEIGE / GRI - GREY	GE	496 110 / 496 119	50
	BEYAZ / WHITE	GE 2	496 250	25
	ŞEFFAF/TRANSPARENT	ME	496 13A	25
	ŞEFFAF/TRANSPARENT	ME 3	496 300	50

Klemens Etiket / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6		

Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 41 A
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -

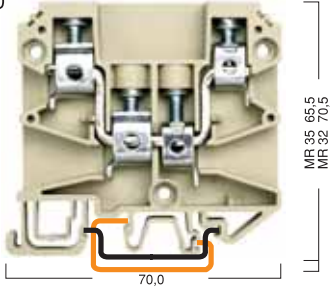
## AVK 4 C

Kalınlık / Width 6 mm  
325 109



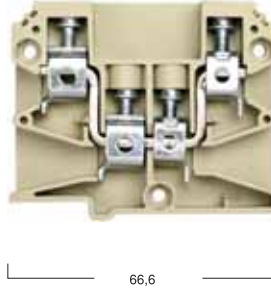
**AYK 10/16**

Kalınlık / Width 11 mm  
395 100



**AYK 10/16**

Kalınlık / Width 11 mm  
395 200



**AYK 10/16 - 2, 3, 4, 5**

Kalınlık / Width 23.5, 34.5, 45.5, 56.5 mm  
(Nihayet Plakalı / With End Plate)



Gerilim / Akım / Voltage / Voltage/Current/Cross-section 750 V ~ / (57/76 A) / (10/16 mm <sup>2</sup> )			Gerilim / Akım / Voltage / Voltage/Current/Cross-section 750 V ~ / (57/76 A) / (10/16 mm <sup>2</sup> )			Gerilim / Akım / Voltage / Voltage/Current/Cross-section 750 V ~ / (57/76 A) / (10/16 mm <sup>2</sup> )		
1.5 - 25 mm <sup>2</sup> / 1.5 - 25 mm <sup>2</sup>	1.5 - 16 mm <sup>2</sup> / 1.5 - 16 mm <sup>2</sup>		1.5 - 25 mm <sup>2</sup> / 1.5 - 25 mm <sup>2</sup>	1.5 - 16 mm <sup>2</sup> / 1.5 - 16 mm <sup>2</sup>		1.5 - 25 mm <sup>2</sup> / 1.5 - 25 mm <sup>2</sup>	1.5 - 16 mm <sup>2</sup> / 1.5 - 16 mm <sup>2</sup>	
12 - 4 / 1.5 - 16 mm <sup>2</sup>	16 - 8 / 1.5 - 10 mm <sup>2</sup>		12 - 4 / 1.5 - 16 mm <sup>2</sup>	16 - 8 / 1.5 - 10 mm <sup>2</sup>		12 - 4 / 1.5 - 16 mm <sup>2</sup>	16 - 8 / 1.5 - 10 mm <sup>2</sup>	
12 mm / 1.2 Nm	10 mm / 1.2 Nm		12 mm / 1.2 Nm	10 mm / 1.2 Nm		12 mm / 1.2 Nm	10 mm / 1.2 Nm	
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
AYK 10/16	395 100	20	AYK 10/16	395 200	20	AYK 10/16-2	395 220	-
						AYK 10/16-3	395 230	-
						AYK 10/16-4	395 240	-
						AYK 10/16-5	395 250	-
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7.5	500 601	1 m				MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m				Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m				MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m				Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m				MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m				Delikli / Slotted	500 607	1 m
MR 32	500 101	1 m				MR 32	500 101	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
WGD 1	495 030 / 495 039	100				WGD 1	495 030 / 495 039	100
KD 3	495 040 / 495 049	100				KD 3	495 040 / 495 049	100
KD 4	495 050 / 495 059	100				KD 4	495 050 / 495 059	100
KD 7	495 219 / 495 219	100				KD 7	495 219 / 495 219	100
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP AYK	450 090	10	NPP AYK	450 090	10	NPP AYK	450 090	10
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 110 / 496 119	50				GE	496 110 / 496 119	50
ME	496 13A	25				ME	496 13A	25
ME 3	496 300	50				ME 3	496 300	50
DY 5 DG 6/5 DG 10/8 DG 10/10			DY 5 DG 10/8 DG 10/10			DY 5 DG 10/8 DG 10/10		
0.5 - 16 mm <sup>2</sup> / 16 mm <sup>2</sup> - 76 A			0.5 - 16 mm <sup>2</sup> / 16 mm <sup>2</sup> - 76 A			0.5 - 16 mm <sup>2</sup> / 16 mm <sup>2</sup> - 76 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B6			1 / B6			1 / B6		
IP20 / -			IP20 / -			IP20 / -		

## WG-EKİ

İki Katlı  
Elektronik Klemens

Dört vida bağlantılı girişi bulunan WG-EKİ klemensi; diod LED, direnç ve varistör gibi küçük elemanlar kullanılarak tasarlanan aşağıdaki gibi basit elektronik devrelerin hafızalanmasına imkan sağlar

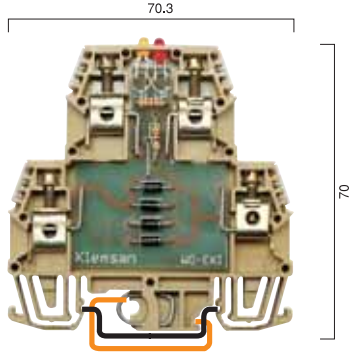
Double Level  
Electronic Terminal

WG-EKİ terminals with four screw connections, have the possibility to place some simple electronics circuits designed by using small components, such as diodes, LED, resistors, varistors given below.

<p>1</p> <p>Tek Akım Koruma Reverse Current Protection</p>	<p>2</p> <p>Ters Akım Koruma Reverse Current Protection</p>	<p>3</p> <p>Bobin Ters Akım Koruma Block of Extra Current Generated by Coils</p>	<p>4</p> <p>Bobin Ters Akım Koruma Block of Extra Current Generated by Coils</p>
<p>5</p> <p>Lamba Test Lamp/Test Circuit</p>	<p>6</p> <p>Lamba Test Lamp/Test Circuit</p>	<p>7</p> <p>Ters Akım Koruma Reverse Current Protection</p>	<p>8</p> <p>Ters Akım Koruma Reverse Current Protection</p>
<p>9</p> <p>Lamba Test Lamp/Test Circuit</p>	<p>10</p> <p>Lamba Test Lamp/Test Circuit</p>	<p>11</p> <p>Lamba Test Lamp/Test Circuit</p>	<p>12</p> <p>Lamba/Led Test Lamp/Led Test Circuit</p>
<p>13</p> <p>Lamba/Led Test Lamp/Led Test Circuit</p>	<p>14</p> <p>Gerilim Göstergesi Voltage Indicator</p>	<p>15</p> <p>Gerilim Göstergesi Voltage Indicator</p>	<p>16</p> <p>Gerilim Göstergesi + Ters Akım Boşaltma Voltage Indicator + Reverse Current Quenching</p>
<p>17</p> <p>Gerilim Göstergesi + Ters Akım Boşaltma Voltage Indicator + Reverse Current Quenching</p>	<p>18</p> <p>Aşırı Gerilim Koruma Overvoltage Protection</p>	<p>19</p> <p>Gerilim Göstergesi Voltage Indicator</p>	<p>20</p> <p>Gerilim Göstergesi + Doğrultma Rectifier + Voltage Indicator</p>
<p>21</p> <p>Akım Göstergesi Current Indicator</p>	<p>22</p> <p>Doğru Akım ve Gerilim Göstergesi Direct Current and Voltage Indicator</p>	<p>23</p> <p>Köprülü Klemens Terminal With Cross Connection</p>	<p>24</p> <p>Boş Kartlı Klemens With a Printed Circuit Card Only</p>

## WG-EKİ

## NPP-EKİ



Sıkma Torku / Torque: 0,5 Nm



Elektriksel Özellikler Electrical Ratings												
Klemens Akımı Terminal Current				10 A								
Diod Gerilimi Diode Voltage				1 000 V								
Diod Akımı Diode Current				1 A								
Bağlantı Bilgileri Connection Data												
Tekli İletken, Vidalı Bağlantı Solid Strand, Screw Connection				0.5-4 mm2								
Çoklu İletken, Vidalı Bağlantı Fine Strand, Screw Connection				0.5-2.5 mm2								
AWG İletken AWG Conductor				AWG 22-12								
Klemens Genişliği Terminal Width				7.5 mm								
Yalıtkan Soyma Uzunluğu Insulation stripping Length				7 mm								
Tip Type	Bağ. Şekli Sch.Cir.Dia.	Giriş Geril. Input Volta.	Sip.No. Cat. No.	Tip Type	Bağ. Şekli Sch.Cir.Dia.	Giriş Geril. Input Volta.	Sip.No. Cat. No.	Tip Type	Bağ. Şekli Sch.Cir.Dia.	Giriş Geril. Input Volta.	Sip.No. Cat. No.	
WG-EKİ	1	-	110 010	WG-EKİ	14	110 V DC	110 150	WG-EKİ	19	110 V AC	110 290	
WG-EKİ	2	-	110 020	WG-EKİ	14	220 V DC	110 160	WG-EKİ	19	220 V AC	110 300	
WG-EKİ	3	-	110 030	WG-EKİ	15	24 V DC	110 170	WG-EKİ	20	24 V AC	110 310	
WG-EKİ	4	-	110 040	WG-EKİ	15	110 V DC	110 180	WG-EKİ	20	110 V AC	110 320	
WG-EKİ	5	-	110 050	WG-EKİ	15	220 V DC	110 190	WG-EKİ	20	220 V AC	110 330	
WG-EKİ	6	-	110 060	WG-EKİ	16	24 V DC	110 200	WG-EKİ	21	DC	110 340	
WG-EKİ	7	-	110 070	WG-EKİ	17	24 V DC	110 210	WG-EKİ	22	24 V DC	110 350	
WG-EKİ	8	-	110 080	WG-EKİ	18	30 V	110 220	WG-EKİ	22	48 V DC	110 360	
WG-EKİ	9	-	110 090	WG-EKİ	18	60 V	110 230	WG-EKİ	22	60 V DC	110 370	
WG-EKİ	10	-	110 100	WG-EKİ	18	75 V	110 240	WG-EKİ	23	-	110 380	
WG-EKİ	11	-	110 110	WG-EKİ	18	130 V	110 250	WG-EKİ	24	-	110 390	
WG-EKİ	12	24 V	110 120	WG-EKİ	18	275 V	110 260					
WG-EKİ	13	24 V	110 130	WG-EKİ	19	24 V AC	110 270					
WG-EKİ	14	24 V DC	110 140	WG-EKİ	19	48 V AC	110 280					
Klemens Aksesuarları Terminal Accessories				Tip Type	Kalınlık Width	Sip.No. Cat. No.						
Nihayet Plakası End Plate				NPP-EKİ	1.2 mm	111 010						

Kabloyu klemense bağlamak için herhangi bir tornavida kullanmanıza gerek yoktur. Yüksüklü ve yüksüksüz kullanım için uygundur. Bağlantıyı yapabilmemiz için yüksüklü ve yüksüksüz kablounuzu, kablo yuvasına itmeniz yeterlidir. Kabloyu klemensden tornavida yardımıyla rahatlıkla çıkarabilirsiniz.

PYK serisi, AVK ve YBK serilerimize göre montajı daha kolay ve hızlıdır. Üst köprü kullanımı geçme üst köprüdür. YBK ve AVK RD serisi ile kullanılan geçme üst köprüler PYK ile de kullanılarak, kullanıcıya kullanım esnekliği sağlamaktadır.

PYK serisi, standart dekafiksler ile etiketlenebildiği gibi, plotter ve termal yazıcı ile etiketlemeye de uygundur. Termal yazıcı ile klemenslerinizi istediğiniz gibi gruplayıp, kodlayabilirsiniz.

Cable is connected to the terminal just by pushing-in, without the need to use a screwdriver. PYK is suitable for applications with or without end-sleeves. All you need to do is to push the cable into the cable hole to make the connection. If needed, cable can be released easily by using a screwdriver.

PYK series has a faster and easier montage advantage compared to AVK and YBK series. Cross connection for PYK is the same standard push-in type cross connectors used for YBK and AVK RD series. By this means user has the flexibility in using the cross connections.

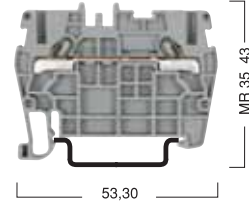
Marking tags used for PYK series can be the standard labels and the outputs of thermal printer or plotter machines as well. User can design, group or code the marking tags at his/her will by using thermal printers or plotters.

Renkler Colors	Klemensler Terminals	Nihayet Plakaları End Plate
	Sip.No./Cat. No.	Sip.No./Cat. No.
	<b>PYK 2,5</b>	<b>NPP</b>
■ GRİ-GREY	307 109	446 449
■ BEJ - BEIGE	307 100	446 440
■ MAVİ-BLUE	307 101	446 441
	<b>PYK 4</b>	<b>NPP</b>
■ GRİ-GREY	307 119	464 459
■ BEJ - BEIGE	307 110	464 450
■ MAVİ-BLUE	307 111	464 451
	<b>PYK 6</b>	<b>NPP</b>
■ GRİ-GREY	307 129	446 469
■ BEJ - BEIGE	307 120	446 460
■ MAVİ-BLUE	307 121	446 461
	<b>PYK 10</b>	<b>NPP</b>
■ GRİ-GREY	307 139	446 479
■ BEJ - BEIGE	307 130	446 470
■ MAVİ-BLUE	307 131	446 471

## Pratik Yay Baskılı Ray Klemensleri Practical Spring Clamp Terminals

### PYK 2.5

Kalınlık / Width 5 mm  
307 109 GRİ / GREY



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
CE (EN 60947-7-1)	800 V ~ / 24 A / 2,5 mm <sup>2</sup>
UL / CSA	600 V ~ / 20 A / AWG 22-12
VDE	800 V ~ / 24 A / 2,5 mm <sup>2</sup>
ATEX	800 V ~ / 24 A

Bağlantı Bilgileri / Connection Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection	0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>		
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
• Kablo soyma boyu / kablo sikma torku - Insulation Stripping Length / Torque	10 mm / ...		

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Polyamide 66	PYK 2,5	307 100	100
	PYK 2,5	307 109	100

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x7,5	500 601	1 m
MR 35x15 MR 35x15 Delikli / Slotted	Delikli / Slotted	500 602	1 m
	MR 35x7,5	500 603	2 m
	Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli / Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 8 mm	KD 3	495 049	100
	KD 4	495 059	100
	KD 7	495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 1,2 mm	NPP PYK 2,5	446 449	100

Geçme Üst Köprü / Cross-Con.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	UK 2.5/2	476 222	25
	UK 2.5/3	476 223	20
	UK 2.5/4	476 224	15
	UK 2.5/10	476 229	5

PYK Test / Test PYK	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	PYK Test	498 559	25

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	GE	496 119	50
	ME	496 13A	25
	ME 3	496 300	50

Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage dekafix.	DB 5 DG 6/5 DG 10/5	11.2 / 5 mm Şerit Etiket	

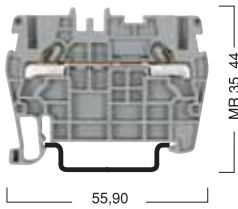
Teknik Bilgiler / Technical Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max clamping range / Max. technical data	0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A		
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3		
• Yalıtım malzeme grubu / Beyan kablo mastar kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3		
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -		

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver



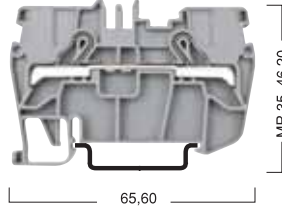
**PYK 4**

Kalınlık / Width 6 mm  
307 119 GRİ / GREY



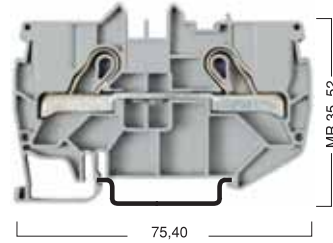
**PYK 6**

Kalınlık / Width 8 mm  
307 129 GRİ / GREY



**PYK 10**

Kalınlık / Width 10 mm  
307 139 GRİ / GREY



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
800 V ~ / 32 A / 4 mm <sup>2</sup>			800 V ~ / 41 A / 6 mm <sup>2</sup>			800 V ~ / 57 A / 10 mm <sup>2</sup>		
600 V ~ / 30 A / AWG 22-10								
800 V ~ / 32 A / 4 mm <sup>2</sup>								
800 V ~ / 32 A								
0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 10 mm <sup>2</sup> / 0.5 - 10 mm <sup>2</sup>			0.5 - 16 mm <sup>2</sup> / 0.5 - 16 mm <sup>2</sup>		
22 - 10 / 0.5 - 4 mm <sup>2</sup>			20 - 8 / 0.5 - 6 mm <sup>2</sup>			20 - 6 / 0.5 - 10 mm <sup>2</sup>		
10 mm / ...			13 mm / ...			15 mm / ...		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK 4	307 110	100	PYK 6	307 120	60	PYK 10	307 130	50
PYK 4	307 119	100	PYK 6	307 129	60	PYK 10	307 139	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP PYK 4	446 459	100	NPP PYK 6	446 469	50	NPP PYK 10	446 479	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 4/2	476 232	25	UK 6/2	476 242	25	UK 10/2	476 252	25
UK 4/3	476 233	20	UK 6/3	476 243	20	UK 10/3	476 253	20
UK 4/4	476 234	15	UK 6/4	476 244	15	UK 10/4	476 254	15
UK 4/10	476 239	5	UK 6/10	476 249	5	UK 10/10	476 259	5
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK Test	498 559	25	PYK Test	498 559	25			
PYK Test-A	498 659	25						
(Gruplamalarda PYK Test-A kullanılır PYK Test-A is used for grouping)								
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DB 5 DG 6/5 DG 10/5 DG 10/6			DB 5 DG 6/5 DG 10/5 DG 10/6 DG 10/8			DB 5 DG 6/5 DG 10/5 DG 10/6 DG 10/8 DG 10/10		
11.2 / 5 mm Şerit Etiket			11.2 / 5 mm Şerit Etiket			11.2 / 5 mm Şerit Etiket		
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 41 A			0.2 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 57 A			0.2 - 16 mm <sup>2</sup> / 16 mm <sup>2</sup> - 76 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A4			1 / A5			1 / A4		
IP20 / -			IP20 / -			IP20 / -		

PYK T Serisi topraklama klemensleri PYK serisi klemenslerle aynı dış ölçülere sahiptir. Bu özellikleri sayesinde, standart PYK serisi ray klemensleri ile yan yana kullanılabilirler.

Belli başlı özellikleri şöyledir:

- Düşük geçiş direnci
- Korozyona uğramayan kontaklar
- Yeşil/Sarı işaretleme

Vidalı topraklama klemensleri ile en büyük farklılıkları raya takıldıkları anda otomatik olarak raya temas etmeleridir.

Spring clamp earth terminals have the same outer dimensions as the standard PYK blocks for the same cross-sections. This enables earth terminal blocks to be mounted directly beside feed-through terminal blocks.

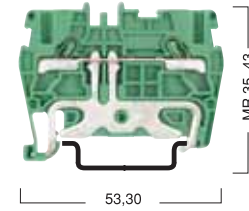
The main characteristics are:

- Low transition resistance
  - Non-corrosing contacts
  - Green/yellow marking on the insulation
- The main difference between spring clamp earth terminals and the earth terminals with screw connections is the immediate contact when the terminal blocks are attached to the mounting rails.

## Pratik Yay Baskılı Topraklama Klemensleri Practical Spring Earth Terminals

### PYK 2.5 T

Kalınlık / Width 5 mm  
336 500



#### Anma Değerleri / Electrical Ratings

CE (EN 60947-7-2)  
UL / CSA  
VDE  
ATEX

#### Gerilim/Akım/Kesit / Voltage/Current/Cross-section

- V ~ / - A / 2.5 mm<sup>2</sup>  
- V ~ / - A / AWG 22-12  
- V ~ / - A / 2.5 mm<sup>2</sup>  
800 V

#### Bağlantı Bilgileri / Connection Data

- Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı  
Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection
- AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule
- Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque

0.5 - 4 mm<sup>2</sup> / 0.5 - 4 mm<sup>2</sup>  
22 - 12 / 0.5 - 2.5 mm<sup>2</sup>

#### Sipariş Bilgileri / Ordering Data

Polyamide 66 SARI-YEŞİL / YELLOW-GREEN

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK 2.5 T	336 500	50

#### Montaj Rayları / Mounting Rails

MR 35x7,5 MR 35x15  
MR 35x7,5 Delikli / Slotted MR 35x15 Delikli / Slotted



#### Tip/Type

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m

#### Durdurucu / End Bracket

Kalınlık / Thickness 8 mm



GRI / GREY  
GRI / GREY

#### Tip/Type

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100
KD 4	495 059	100
KD 7	495 059	50

#### Nihayet Plakası / End Plate

Kalınlık / Thickness 1,2 mm

Polyamide 66 YEŞİL / GREEN

#### Tip/Type

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP PYK 2.5 T	446 442	10



#### Grup Etiketleri / Group Marking



(KD7 ile kullanılmaktadır / Used with KD7)

GRI / GREY  
ŞEFFAF / TRANSPARENT  
ŞEFFAF / TRANSPARENT

#### Tip/Type

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50
ME	496 13A	25
ME 3	496 300	50

#### Klemens Etiketleri / Marking Tags (Dekafix)

Dekafix kullanımı için 104. sayfaya bakınız.  
See page 104. for the usage dekafix.

DB 5 DG 6/5 DG 10/5 11.2 / 5 mm Şerit Etiket

#### Teknik Bilgiler / Technical Data

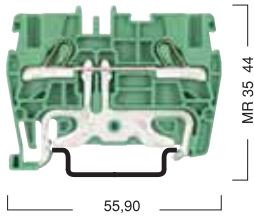
- Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri  
Max clamping range / Max. technical data
- Beyan darbe gerilim / Kirlilik derecesi - Rated Impulse Voltage/Pollution severity
- Yalıtım malzeme grubu / Beyan kablo mastar kodu - Insulation material group / Gauge pin code according to IEC 60947-1
- Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type

0.2 - 4 mm<sup>2</sup> / -  
8 kV / 3  
1 / A3  
IP20 / PE



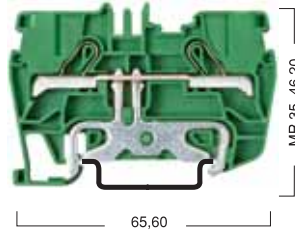
**PYK 4 T**

Kalınlık / Width 6 mm  
336 510



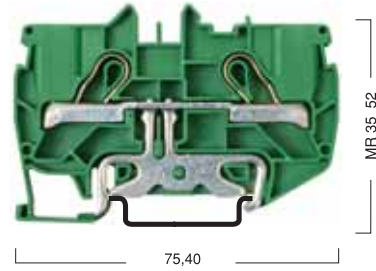
**PYK 6 T**

Kalınlık / Width 8 mm  
336 520



**PYK 10 T**

Kalınlık / Width 10 mm  
336 530



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
- V ~ / - A / 4 mm <sup>2</sup>			- V ~ / - A / 6 mm <sup>2</sup>			- V ~ / - A / 10 mm <sup>2</sup>		
- V ~ / - A / AWG 22-10								
- V ~ / - A / 4 mm <sup>2</sup>								
800 V								
0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 10 mm <sup>2</sup> / 0.5 - 10 mm <sup>2</sup>			0.5 - 16 mm <sup>2</sup> / 0.5 - 16 mm <sup>2</sup>		
22 - 10 / 0.5 - 4 mm <sup>2</sup>			20 - 8 / 0.5 - 6 mm <sup>2</sup>			20 - 6 / 0.5 - 10 mm <sup>2</sup>		
10 mm / ...			13 mm / ...			15 mm / ...		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK 4 T	336 510	50	PYK 6 T	336 520	60	PYK 10 T	336 530	25
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 059	50	KD 7	495 059	50	KD 7	495 059	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP PYK 4 T	446 452	10	NPP PYK 6 T	446 462	10	NPP PYK 10 T	446 472	10
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DB 5 DG 6/5 DG 10/5 DG 10/6			DB 5 DG 6/5 DG 10/5 DG 10/6 DG 10/8			DB 5 DG 6/5 DG 10/5 DG 10/6 DG 10/8 DG 10/10		
11.2 / 5 mm Şerit Etiket			11.2 / 5 mm Şerit Etiket			11.2 / 5 mm Şerit Etiket		
0.2 - 6 mm <sup>2</sup> / -			0.2 - 10 mm <sup>2</sup> / 57A			0.2 - 16 mm <sup>2</sup> / 76 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A4			1 / A5			1 / A4		
IP20 / PE			IP20 / PE			IP20 / PE		

PYK 2.5 – 2F- Serisi ray klemensleri kablo bağlantısı yapmanın zor olduğu dar yerlerde en iyi bağlantı çözümünü sunmaktadır. Bu özelliğinin yanısıra aşağıdaki avantajlara da sahiptir.

- Montaj rayını büyütmeden, bağlantı sayısını iki misline çıkartır,
- Her iki katta da köprüleme imkanı mevcuttur,
- Her iki katta da kodlamaya uygun bir yapıya sahiptir.

Double deck spring clamp terminals provides solution to connection problems occurring because of limited spaces. Besides this, double level terminals have the following advantages:

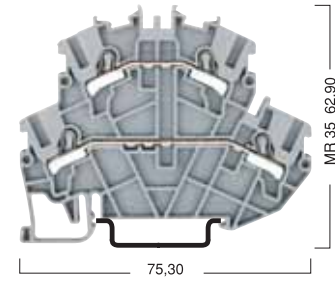
- Double wiring density available without extension of mounting rails.
- Interconnection / shorting can be done at both levels.
- Marking / Identification by marking tags possible at both levels.

## İki Katlı Pratik Yay Baskılı Ray Klemensleri

### Double Deck Practical Spring Clamp Terminals

## PYK 2.5 - 2 F

Kalınlık / Width 5 mm  
307 179 GRİ / GREY



### Anma Değerleri / Electrical Ratings

CE (EN 60947-7-1)  
UL / CSA  
VDE  
ATEX

### Gerilim/Akım/Kesit / Voltage/Current/Cross-section

500 V ~ / 24 A / 2,5 mm<sup>2</sup>  
600 V ~ / 20 A / AWG 22-12  
500 V ~ / 21 A

### Bağlantı Bilgileri / Connection Data

- Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı  
Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection
- AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule
- Kablo soyuma boyu / kablo sıkma torku - Insulation Stripping Length / Torque

0.5 - 4 mm<sup>2</sup> / 0.5 - 4 mm<sup>2</sup>  
22 - 12 / 0.5 - 2.5 mm<sup>2</sup>  
10 mm / ...

### Sipariş Bilgileri / Ordering Data

Polyamide 66 GRİ / GREY

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK 2,5 - 2F	307 179	40



### Montaj Rayları / Mounting Rails

MR 35x7,5 MR 35x15  
MR 35x7,5 Delikli / Slotted MR 35x15 Delikli / Slotted

DIN EN 50022 DIN EN 50022

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5	500 601	1 m
Delikli / Slotted	500 602	1 m
MR 35x7,5	500 603	2 m
Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m

### Durdurucu / End Bracket

Kalınlık / Thickness 8 mm GRİ / GREY  
GRİ / GREY

KD 3 KD 4 KD 7

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100
KD 4	495 059	100
KD 7	495 219	50

### Nihayet Plakası / End Plate

Kalınlık / Thickness 1,2 mm Polyamide 66 GRİ / GREY

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP PYK 2.5 - 2F	446 519	25

### PYK Test / Test PYK

GRİ / GREY

PYK Test-A PYK Test

Tip/Type	Sip.No./Cat. No.	Mik./Qty.

### Geçme Üst Köprü / Push-in Cross-Connection

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 2.5/2	476 222	25
UK 2.5/3	476 223	20
UK 2.5/4	476 224	15
UK 2.5/10	476 229	5

### Etiket Şemsiyesi / Group Marking Carrier

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
ETS2 PYK 2.5	498 219	50

### Grup Etiket / Group Marking

SEFFAF / TRANSPARENT  
(KD7 ile kullanılmaktadır / Used with KD7)

GE ME ME3

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
ME 3	496 300	50

### Klemens Etiket / Marking Tags (Dekafix)

Dekafix kullanımı için 104. sayfaya bakınız.  
See page 104. for the usage dekafix.

Tip/Type	Sip.No./Cat. No.	Mik./Qty.
DB 5 DG 6/5 DG 10/5 11,2 / 5 mm Şerit Etiket		

### Teknik Bilgiler / Technical Data

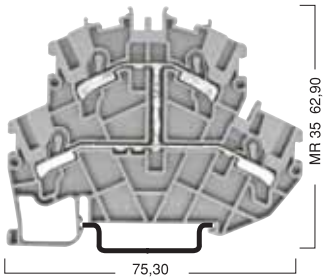
- Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri  
Max clamping range / Max. technical data
- Beyan darbe gerilim / Kirlilik derecesi - Rated Impulse Voltage/Pollution severity
- Yalıtım malzeme grubu / Beyan kablo mastar kodu -  
Insulation material group / Gauge pin code according to IEC 60947-1
- Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type

0.2 - 4 mm<sup>2</sup> / 32 A  
6 kV / 3  
1 / A3  
IP20 / -



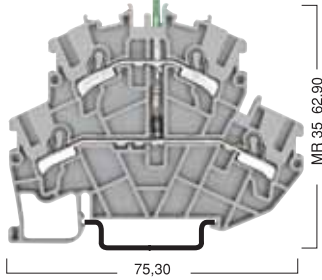
**PYK 2.5 - 2 FK**

Kalınlık / Width 5 mm  
307 239 GRİ / GREY



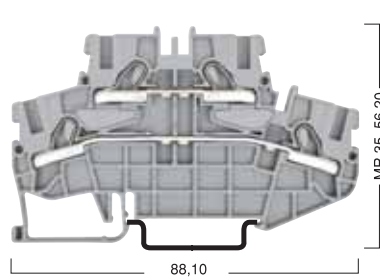
**PYK 2.5 - 2 FLD**

Kalınlık / Width 5 mm  
307 --9 GRİ / GREY



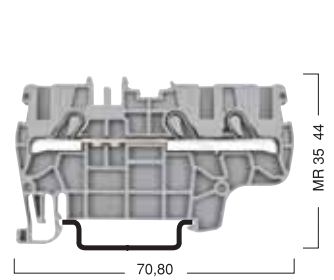
**PYK 4 - 2 F**

Kalınlık / Width 6 mm  
307 279 GRİ / GREY



**PYK 4 E**

Kalınlık / Width 6 mm  
307 229 GRİ / GREY



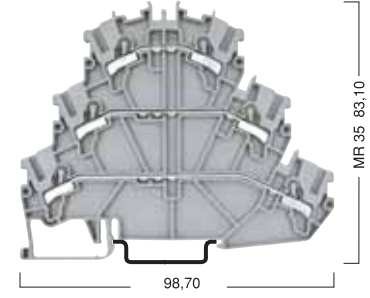
Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section								
500 V ~ / 24 A / 2,5 mm <sup>2</sup>	500 V ~ / 24 A / 2,5 mm <sup>2</sup>	500 V ~ / 32 A / 4 mm <sup>2</sup>	800 V ~ / 32 A / 4 mm <sup>2</sup>								
		300 V ~ / 30 A / AWG 22-10									
		500 V ~ / 32 A									
		500 V ~ / 32 A	800 V ~ / 30 A								
0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>	0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>	0,5 - 6 mm <sup>2</sup> / 0,5 - 6 mm <sup>2</sup>	0,5 - 6 mm <sup>2</sup> / 0,5 - 6 mm <sup>2</sup>								
22 - 12 / 0,5 - 2,5 mm <sup>2</sup>	22 - 12 / 0,5 - 2,5 mm <sup>2</sup>	22 - 10 / 0,5 - 4 mm <sup>2</sup>	22 - 10 / 0,5 - 4 mm <sup>2</sup>								
10 mm / ...	10 mm / ...	10 mm / ...	10 mm / ...								
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK 2.5 - 2FK	307 239	40	PYK 2.5 - 2FLD	307 349 - 24V DC	40	PYK 4 - 2F	307 279	25	PYK 4 E	307 229	50
			PYK 2.5 - 2FLD	307 359 - 220V AC	40						
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK 2.5 - 2FK	446 519	25	PYK 2.5 - 2FLD	446 519	25	PYK 4 - 2F	446 579	25	PYK 4 E	446 559	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
									PYK Test	498 559	25
									PYK Test-A	498 659	25
									(Gruplamalarda PYK Test-A kullanılır PYK Test-A is used for grouping)		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 4/2	476 232	25	UK 4/2	476 232	25
UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 4/3	476 233	20	UK 4/3	476 233	20
UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 4/4	476 234	15	UK 4/4	476 234	15
UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 4/10	476 239	5	UK 4/10	476 239	5
Sadece alt katlar köprülenebilir			Sadece alt katlar köprülenebilir								
<i>Only lower decks can be cross-connected</i>			<i>Only lower decks can be cross-connected</i>								
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
ETS2 PYK 2.5	498 219	50	ETS2 PYK 2.5	498 219	50	ETS2 PYK 4	498 239	50			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DB 5 DG 6/5 DG 10/5	DB 5 DG 6/5 DG 10/5	DB 5 DG 6/5 DG 10/5 DG 10/6	DB 5 DG 6/5 DG 10/5 DG 10/6								
11,2 / 5 mm Şerit Etiket	11,2 / 5 mm Şerit Etiket	11,2 / 5 mm Şerit Etiket	11,2 / 5 mm Şerit Etiket								
0,2 - 4 mm <sup>2</sup> / 32 A	0,2 - 4 mm <sup>2</sup> / 32 A	0,2 - 6 mm <sup>2</sup> / 41 A	0,2 - 6 mm <sup>2</sup> / 41 A								
6 kV / 3	6 kV / 3	6 kV / 3	8 kV / 3								
1 / A3	1 / A3	1 / A4	1 / A4								
IP20 / -	IP20 / -	IP20 / -	IP20 / -								

Çok katlı klemens blokları:  
 - Kablolamayı daha pratik ve estetik hale sokar.  
 - Elektrik panolarının her geçen gün biraz daha küçüldüğü günümüzde küçük alanda daha fazla bağlantıya imkan verir.  
 - Her katta ayrı ayrı köprüleme olanağı sunar. Bu özelliği ile sensör klemens bloklarının başında yer alır.  
 - Renkli katları sayesinde pozitif, negatif ve toprak uçlarını belirgin hale getirerek kablolama hatlarını en aza indirir ve kablolama hızını artırır.  
 - Kompakt tasarımı, bu klemensleri sınırlı alanlar için ideal hale sokar.

Multi level terminal blocks:  
 - Make wiring more practical  
 - Reduce the installation costs and speed the wiring.  
 - Provide individual cross connections for each layer. They are used at the upper end of sensor terminal blocks.  
 - Provide definitive identification of positive, negative and ground connections by the help of internationally accepted colors for the related levels. Because of this feature, they minimize wiring mistakes and speed wiring.  
 - Are ideal for limited spaces because of their compact designs.

**Pratik Yaylı Tip Çok Katlı Ray Klemensleri**  
*Practical Spring Terminals for Initiators Actuators and Motors*

**PYK 2.5 - 3F**  
 Kalınlık / Width 5 mm  
 307 199 GRİ / GREY



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
CE (EN 60947-7-1 / EN 60947-7-2)	500 V ~ / 24 A / 2,5 mm <sup>2</sup>

Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection	0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	10 mm / ...

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Polyamide 66	GRİ / GREY	PYK 2.5 - 3F	307 199	30

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x7,5 Delikli / Slotted	500 601	1 m
MR 35x15 MR 35x15 Delikli / Slotted	MR 35x15 Delikli / Slotted	500 602	1 m
	MR 35x7,5	500 603	2 m
	MR 35x15	500 604	2 m
	MR 35x15	500 606	1 m
	MR 35x15	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Kalınlık / Thickness 8 mm	GRİ / GREY	KD 3	495 049	100
	GRİ / GREY	KD 4	495 059	100
		KD 7	495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat. No.	Mik./Qty.		
Kalınlık / Thickness 1,2 mm	Polyamide 66	GRİ / GREY	NPP PYK 2.5 - 3F	446 539	30

Geçme Üst Köprü / Push-in Cross-Connection	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	UK 2.5/2	476 222	25
	UK 2.5/3	476 223	20
	UK 2.5/4	476 224	15
	UK 2.5/10	476 229	5

Etiket Şemsiyesi / Group Marking Carrier	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	ETS3 PYK 2.5	498 229	50
	ETS2 PYK 2.5	498 219	50

Grup Etiket / Group Marking	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	GE	496 119	50
	ME	496 13A	25
	ME3	496 300	50

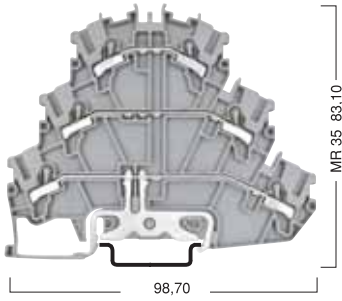
Klemens Etiket / Marking Tags (Dekafix)	
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage dekafix.	DB 5 DG 6/5 DG 10/5 11,2 / 5 mm Şerit Etiket

Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max clamping range / Max. technical data	0,2 - 4 mm <sup>2</sup> / 32A
• Beyan darbe gerilim / Kirlilik derecesi - Rated Impulse Voltage/Pollution severity	6 kV / 3
• Yalıtım malzeme grubu / Beyan kablo mastar kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -



**PYK 2.5 - 2FT**

Kalınlık / Width 5 mm  
307 189 GRİ / GREY



**PYK 2.5 - 3FT**

Kalınlık / Width 5 mm  
307 209 GRİ / GREY



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
500 V ~ / 24 A / 2,5 mm <sup>2</sup>			500 V ~ / 24 A / 2,5 mm <sup>2</sup>		
0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>			0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>		
22 - 12 / 0,5 - 2,5 mm <sup>2</sup>			22 - 12 / 0,5 - 2,5 mm <sup>2</sup>		
10 mm / ...			10 mm / ...		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK 2.5 - 2FT	307 189	30	PYK 2.5 - 3FT	307 209	30
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP PYK 2.5 - 2FT	446 519	25	NPP PYK 2.5 - 3FT	446 539	30
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 2.5/2	476 222	25	UK 2.5/2	476 222	25
UK 2.5/3	476 223	20	UK 2.5/3	476 223	20
UK 2.5/4	476 224	15	UK 2.5/4	476 224	15
UK 2.5/10	476 229	5	UK 2.5/10	476 229	5
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
ETS3 PYK 2.5	498 229	50	ETS3 PYK 2.5	498 229	50
ETS2 PYK 2.5	498 219	50	ETS2 PYK 2.5	498 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
DB 5 DG 6/5 DG 10/5			DB 5 DG 6/5 DG 10/5		
11,2 / 5 mm Şerit Etiket			11,2 / 5 mm Şerit Etiket		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
0,2 - 4 mm <sup>2</sup> / 32A			0,2 - 4 mm <sup>2</sup> / 32A		
6 kV / 3			6 kV / 3		
1 / A3			1 / A3		
IP20 / PE			IP20 / -		

Klemensler, Ø5x20 veya Ø5x25 cam sigorta takılabilen ve yedek sigorta yuvası bulunan bir kartuşa sahiptir. İstenildiği takdirde ayırma mandalı içindeki bara uygun bir sigortayla değiştirilerek sigortalı klemens olarak da kullanılabilir.






The terminal has a moving type hinged carrier that has a specially designed space for cartridge type glass fuse of size Ø5x20 or Ø5x25 together with a spare one. In the disconnect, the disconnect busbar can be changed with a proper fuse to use as a fuse terminal optionally.

**Pratik Yaylı Tip Sigortalı ve Baralı Klemensler**  
*Practical Spring Fuse and Disconnect Terminals*

**PYK 4 S**

Kalınlık / Width 8 mm  
307 249 GRİ / GREY

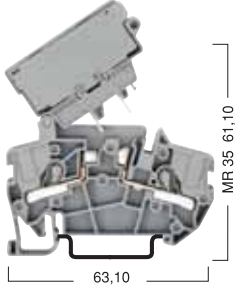


Anma Değerleri / Electrical Ratings		Gerilim/Akım/Kesit / Voltage/Current/Cross-section			
CE (EN 60947-7-2)		500 V ~ / 10 A / 2,5 mm <sup>2</sup>			
<b>Bağlantı Bilgileri / Connection Data</b>					
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection		0,5 - 6 mm <sup>2</sup> / 0,5 - 6 mm <sup>2</sup>			
• AWG İletken / Yükseküklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0,5 - 4 mm <sup>2</sup>			
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque		10 mm / ...			
<b>Sipariş Bilgileri / Ordering Data</b>		Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Polyamide 66		GRİ / GREY	PYK 4 S	307 249	15
<b>Montaj Rayları / Mounting Rails</b>		Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
MR 35x7,5 MR 35x7,5 Delikli / Slotted		MR 35x7,5	500 601	1 m	
MR 35x15 MR 35x15 Delikli / Slotted		Delikli / Slotted	500 602	1 m	
		MR 35x7,5	500 603	2 m	
		Delikli / Slotted	500 604	2 m	
		MR 35x15	500 606	1 m	
		Delikli / Slotted	500 607	1 m	
<b>Durdurucu / End Bracket</b>		Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Kalınlık / Thickness 8 mm		KD 3	495 049	100	
GRİ / GREY		KD 4	495 059	100	
GRİ / GREY		KD 7	495 219	50	
					
<b>Sigorta Buşonu / Fuse Cartridges</b>		Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
5x20 mm		MSB	359 001	10	
					
<b>Geçme Üst Köprü / Push-in Cross-Connection</b>		Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
		UK 6/2	476 242	25	
		UK 6/3	476 243	20	
		UK 6/4	476 244	15	
		UK 6/10	476 249	5	
<b>Grup Etiketleri / Group Marking</b>		Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
GRİ / GREY		GE	496 119	50	
ŞEFFAF / TRANSPARENT		ME	496 13A	25	
ŞEFFAF / TRANSPARENT		ME3	496 300	50	
		(KD7 ile kullanılmaktadır / Used with KD7)			
<b>Klemens Etiketleri / Marking Tags (Dekafix)</b>		DB 5 DG 6/5 DG 10/5 DG 10/6 DG 10/8			
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage dekafix.		5 mm Şerit Etiket			
<b>Teknik Bilgiler / Technical Data</b>		0,2 - 6 mm <sup>2</sup> / 10A			
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max clamping range / Max. technical data		6 kV / 3			
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity		1 / A4			
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1		IP20 / -			
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type					



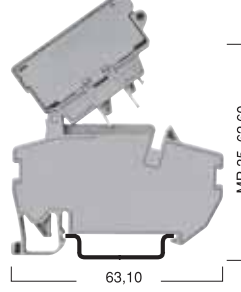
**PYK 4 SLD**

Kalınlık / Width 8 mm  
307 --9 GRİ / GREY



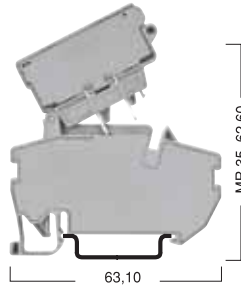
**PYK 4 I**

Kalınlık / Width 8 mm  
307 319 GRİ / GREY



**PYK 4 ILD**

Kalınlık / Width 8 mm  
307 --9 GRİ / GREY



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
500 V ~ / 10 A / 4 mm <sup>2</sup>			500 V ~ / 10 A / 4 mm <sup>2</sup>			500 V ~ / 10 A / 4 mm <sup>2</sup>		
0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>		
22 - 10 / 0.5 - 4 mm <sup>2</sup>			22 - 10 / 0.5 - 4 mm <sup>2</sup>			22 - 10 / 0.5 - 4 mm <sup>2</sup>		
10 mm / ...			10 mm / ...			10 mm / ...		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK 4 SLD	307 259 - 24V DC	15	PYK 4 I	307 319	15	PYK 4 ILD	307 329 - 24V DC	15
PYK 4 SLD	307 269 - 220V AC	15				PYK 4 ILD	307 339 - 220V AC	15
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MSB	359 001	10	MSB	359 020	10	MSB	359 020	10
			ABD'de kullanılan 6.35 mm. x 31.75 mm. (1/4" x 1 1/4") sigorta ve baralar için tasarlanmıştır.			ABD'de kullanılan 6.35 mm. x 31.75 mm. (1/4" x 1 1/4") sigorta ve baralar için tasarlanmıştır.		
			6.35 mm. x 31.75 mm. (1/4" x 1 1/4") fuses and busbars as an American standard.			6.35 mm. x 31.75 mm. (1/4" x 1 1/4") fuses and busbars as an American standard.		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 6/2	476 242	25	UK 6/2	476 242	25	UK 6/2	476 242	25
UK 6/3	476 243	20	UK 6/3	476 243	20	UK 6/3	476 243	20
UK 6/4	476 244	15	UK 6/4	476 244	15	UK 6/4	476 244	15
UK 6/10	476 249	5	UK 6/10	476 249	5	UK 6/10	476 249	5
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME3	496 300	50	ME3	496 300	50	ME3	496 300	50
(KD7 ile kullanılmaktadır / Used with KD7)			(KD7 ile kullanılmaktadır / Used with KD7)			(KD7 ile kullanılmaktadır / Used with KD7)		
DB 5 DG 6/5 DG 10/5 DG 10/6 DG 10/8			DB 5 DG 6/5 DG 10/5 DG 10/6 DG 10/8			DB 5 DG 6/5 DG 10/5 DG 10/6 DG 10/8		
5 mm Şerit Etiket			5 mm Şerit Etiket			5 mm Şerit Etiket		
0.2 - 6 mm <sup>2</sup> / 10A			0.2 - 6 mm <sup>2</sup> / 10A			0.2 - 6 mm <sup>2</sup> / 10A		
6 kV / 3			6 kV / 3			6 kV / 3		
1 / A4			1 / A4			1 / A4		
IP20 / -			IP20 / -			IP20 / -		

Ayırma klemensleri ise bağlı oldukları akım devrelerinde üzerlerinde bulunan ayırma mandalı sayesinde iletkenleri yerinden sökmeden devreyi açmaya ve kapamaya yararlar.

*Disconnect Terminals can switch the circuit without disconnecting the conductors by a disconnect busbar.*

## PYK Test

new

Test ve kontrol amaçlı yapılan bağlantı sürelerini kısaltan PYK test klemensleri, standart dekafigler ve termal şerit etiketler ile kodlanabilmektedir. PYK Test klemensleri birbirlerine takılarak PYK 2,5 klemenslerde kullanılabilir. Test klemensleri, plaka takılarak kullanıldığında PYK 4 ve AVK 4 RD klemenslerinde kullanılabilir. PYK Test klemensi tek kullanıldığında ise PYK 2,5 - PYK 4 - PYK 6 ve AVK 2,5 RD klemenslerinde kullanılabilir.

*PYK test terminals, which minimize the time needed for test and control connections, can be marked with Standard marking tags and thermal printer labels. PYK Test terminals, being as a group together, can be used with PYK 2,5 terminals. When plates are added to Test terminals, they can be used with PYK 4 and AVK 4 RD terminals. Without plates, they can be used with PYK 2,5 - PYK 4 - PYK 6 and AVK 2,5 RD terminals.*

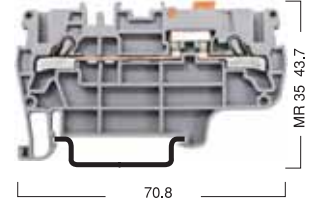
## Pratik Yaylı Tip Ayırma Klemensleri

### Practical Spring Disconnect Terminals

## PYK 2.5 A

Kalınlık / Width 5 mm  
307 169 GRİ / GREY

new



CE

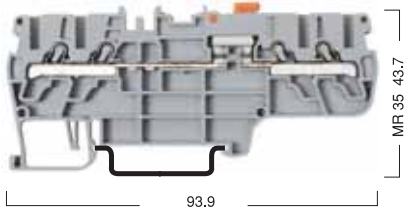
Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
CE (EN 60947-7-2)	400 V ~ / 20 A / 2,5 mm <sup>2</sup>		
<b>Bağlantı Bilgileri / Connection Data</b>			
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection	0,5 - 4 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>		
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm <sup>2</sup>		
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	10 mm / ...		
<b>Sipariş Bilgileri / Ordering Data</b>			
Polyamide 66	GRİ / GREY	PYK 2.5A	307 169
<b>Montaj Rayları / Mounting Rails</b>			
MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x15 MR 35x15 Delikli / Slotted	Tip/Type	Sip.No./Cat. No.
		Mik./Qty.	
		MR 35x7.5	500 601
		Delikli / Slotted	500 602
		MR 35x7.5	500 603
		Delikli / Slotted	500 604
		MR 35x15	500 606
		Delikli / Slotted	500 607
<b>Durdurucu / End Bracket</b>			
Kalınlık / Thickness 8 mm	GRİ / GREY	Tip/Type	Sip.No./Cat. No.
		Mik./Qty.	
		KD 3	495 049
		KD 4	495 059
		KD 7	495 219
<b>Nihayet Plakası / End Plate</b>			
Kalınlık / Thickness 8 mm	Polyamide 66	Tip/Type	Sip.No./Cat. No.
		Mik./Qty.	
		NPP / PYK 2.5 A	465 509
<b>PYK Test / Test PYK</b>			
		Tip/Type	Sip.No./Cat. No.
		Mik./Qty.	
		PYK Test	498 559
<b>Geçme Üst Köprü / Push-in Cross-Connection</b>			
		Tip/Type	Sip.No./Cat. No.
		Mik./Qty.	
		UK 2.5 / 2	476 222
		UK 2.5 / 3	476 223
		UK 2.5 / 4	476 224
		UK 2.5 / 10	476 229
<b>Test Fişi - Kov. / Test Plug - Soc.</b>			
		Tip/Type	Sip.No./Cat. No.
		Mik./Qty.	
		TF (Ø 2.3)	493 023
<b>Grup Etiketli / Group Marking</b>			
		Tip/Type	Sip.No./Cat. No.
	ŞEFFAF / TRANSPARENT	Mik./Qty.	
		ME	496 13A
		ME3	496 300
(KD7 ile kullanılmaktadır / Used with KD7)			
<b>Klemens Etiketli / Marking Tags (Dekafix)</b>			
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage dekafig.			
<b>Teknik Bilgiler / Technical Data</b>			
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max clamping range / Max. technical data			
0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 20A			
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity			
4 kV / 3			
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1			
1 / A3			
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type			
IP20 / -			

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver



**PYK 2.5 CCA**

Kalınlık / Width 5 mm  
307 219 GRİ / GREY



Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
400 V ~ / 16 A / 2.5 mm <sup>2</sup>		
0.5 - 4 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>		
22 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
10 mm / ...		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK 2.5 CCA	307219	60
Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100
KD 4	495 059	100
KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP / PYK 2.5 CCA	465 549	100
Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PYK Test	498 559	25
Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 2.5 / 2	476 222	25
UK 2.5 / 3	476 223	20
UK 2.5 / 4	476 224	15
UK 2.5 / 10	476 229	5
Tip/Type	Sip.No./Cat. No.	Mik./Qty.
TF (Ø 2.3)	493 023	5
Tip/Type	Sip.No./Cat. No.	Mik./Qty.
ME	496 13A	25
ME3	496 300	50
DY 5 DB 10/5 DG 10/5 11.2/5 Şerit Etiket		
0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 20A		
4 kV / 3		
1 / A3		
IP20 / -		

Yay baskılı ray klemensleri pek çok uygulama için vida baskılı ray klemenslerine alternatif oluşturmaktadır. Yay baskılı klemensler, bir tornavida yardımıyla açılan yayın kabloyu sıkıştırması prensibi ile bağlantı sağlarlar. YBK Serisi yay klemensleri vida bağlantılı benzerlerine göre montaj ve bakım işçiliğinden önemli tasarruf sağlamaktadırlar. Klemenslerin birbirine kilitlenebilme özelliği, rayda daha düzgün durmalarını ve birbirlerinden ayrılmamalarını sağlamaktadır.

Spring clamp terminals provide a realistic alternative to terminal blocks with screw clamp connection in many fields of application. The spring clamp is operated by using a screw driver to provide an access to wire through the opening in the spring clamp. The wire end gets clamped onto the current bar on removal of screw driver.

YBK type spring clamp terminals decrease the mounting and revision costs relative to screw type terminals.

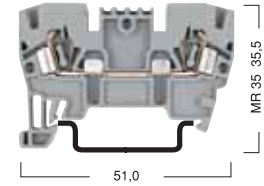
Interlocking mechanism on the plastic housing prevents terminal blocks to be separated from each other when the cables are connected.

Renkler Colors	Klemensler Terminals	Nihayet Plakaları End Plate
	Sip.No./Cat. No.	Sip.No./Cat. No.
	<b>YBK 2,5</b>	<b>NPP</b>
BEJ - BEIGE	306 220	446 320
MAVİ-BLUE	306 221	446 321
YEŞİL-GREEN	306 222	446 322
SARI-YELLOW	306 223	446 323
KIRMIZI-RED	306 224	446 324
GRI-GREY	306 229	446 329
	<b>YBK 4</b>	<b>NPP</b>
BEJ - BEIGE	306 230	446 330
MAVİ-BLUE	306 231	446 331
YEŞİL-GREEN	306 232	446 332
SARI-YELLOW	306 233	446 333
KIRMIZI-RED	306 234	446 334
GRI-GREY	306 239	446 339
	<b>YBK 6</b>	<b>NPP</b>
BEJ - BEIGE	306 240	446 340
MAVİ-BLUE	306 241	446 341
YEŞİL-GREEN	306 242	446 342
SARI-YELLOW	306 243	446 343
KIRMIZI-RED	306 244	446 344
GRI-GREY	306 249	446 349
	<b>YBK 10</b>	<b>NPP</b>
BEJ - BEIGE	306 250	446 350
MAVİ-BLUE	306 251	446 351
YEŞİL-GREEN	306 252	446 352
SARI-YELLOW	306 253	446 353
KIRMIZI-RED	306 254	446 354
GRI-GREY	306 259	446 359

## Yay Baskılı Ray Klemensleri Spring Clamp Terminals

## YBK 2,5

Kalınlık / Width 5 mm  
306 229 GRİ / GREY



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
CE (EN 60947-7-1)	750 V ~ / 24 A / 2,5 mm <sup>2</sup>
UL / CSA	600 V ~ / 20 A / AWG 22-12

Bağlantı Bilgileri / Connection Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
• Tekli İletken, Yay bağlantılı - Çuklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection	0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>		
• AWG İletken / Yüksükü Çuklu İletken - AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	10 mm / ...		

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Polyamide 66	YBK 2,5	306 220	100
	YBK 2,5	306 229	100

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5	MR 35x7,5	500 601	1 m
MR 35x7,5 Delikli / Slotted	Delikli / Slotted	500 602	1 m
MR 35x15	MR 35x7,5	500 603	2 m
MR 35x15 Delikli / Slotted	Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli / Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 8 mm	KD 3	495 049	100
	KD 4	495 059	100
	KD 7	495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 1,2 mm	NPP YBK 2,5	446 329	100

Geçme Üst Köprü / Cross-Con.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

İkaz Plakası / Warning Label	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Sembollü / With symbol	IP 4 S	498 160	25
Sembolsüz / Without symbol	IP 4	498 170	25

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	GE	496 119	50
ME	ME	496 13A	25
ME3	ME 3	496 300	50

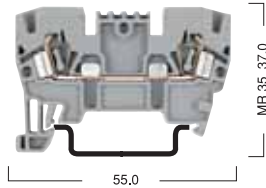
Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage dekafix.	DY 5 DB 10/5 DG 6/5 DG 10/5		

Teknik Bilgiler / Technical Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max clamping range / Max. technical data	0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A		
• Beyan darbe gerilim / Kirlilik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3		
• Yalıtım malzeme grubu / Beyan kablo mastar kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3		
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -		



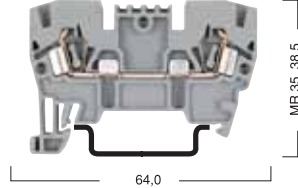
**YBK 4**

Kalınlık / Width 6 mm  
306 239 GRİ / GREY



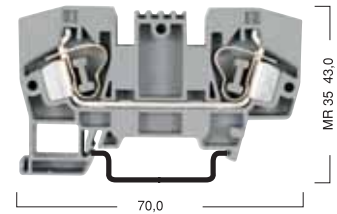
**YBK 6**

Kalınlık / Width 8 mm  
306 249 GRİ / GREY



**YBK 10**

Kalınlık / Width 10 mm  
306 259 GRİ / GREY

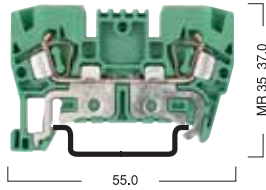


Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
750 V ~ / 32 A / 4 mm <sup>2</sup>			750 V ~ / 41 A / 6 mm <sup>2</sup>			750 V ~ / 57 A / 10 mm <sup>2</sup>		
600 V ~ / 26 A / AWG 22-10			600 V ~ / 35 A / AWG 22-8			600 V ~ / 55 A / AWG 20-6		
0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 10 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 16 mm <sup>2</sup> / 0.5 - 10 mm <sup>2</sup>		
22 - 10 / 0.5 - 4 mm <sup>2</sup>			22 - 8 / 0.5 - 6 mm <sup>2</sup>			20 - 6 / 0.5 - 10 mm <sup>2</sup>		
12 mm / ...			12 mm / ...			13 mm / ...		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
YBK 4	306 230	100	YBK 6	306 240	100	YBK 10	306 250	50
YBK 4	306 239	100	YBK 6	306 249	100	YBK 10	306 259	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP YBK 4	446 339	100	NPP YBK 6	446 349	100	NPP YBK 10	446 359	100
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 4/2	476 232	25	UK 6/2	476 242	25	UK 10/2	476 252	25
UK 4/3	476 233	20	UK 6/3	476 243	20	UK 10/3	476 253	20
UK 4/4	476 234	15	UK 6/4	476 244	15	UK 10/4	476 254	15
UK 4/10	476 239	5	UK 6/10	476 249	5	UK 10/10	476 259	5
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
IP 4 S	498 160	25	IP 4 S	498 160	25	IP 4 S	498 160	25
IP 4	498 170	25	IP 4	498 170	25	IP 4	498 170	25
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8 DG 10/10		
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> - 41 A			0.2 - 10 mm <sup>2</sup> / 10 mm <sup>2</sup> - 57 A			0.5 - 16 mm <sup>2</sup> / 16 mm <sup>2</sup> - 76 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A4			1 / A5			1 / A6		
IP20 / -			IP20 / -			IP20 / -		



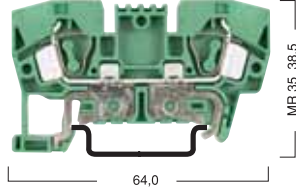
**YBK 4 T**

Kalınlık / Width 6 mm  
336 230



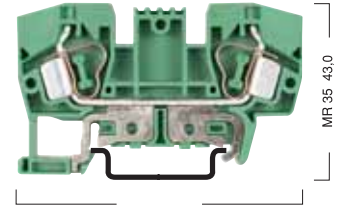
**YBK 6 T**

Kalınlık / Width 8 mm  
336 240



**YBK 10 T**

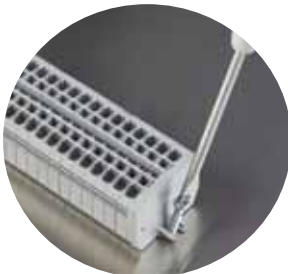
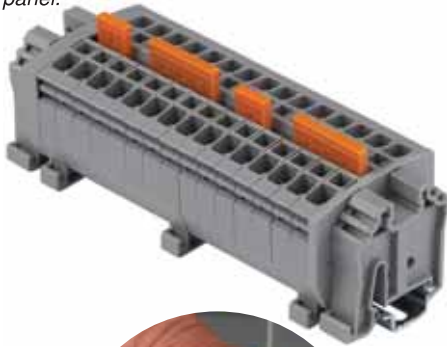
Kalınlık / Width 10 mm  
336 250



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
- V ~ / - A / 4 mm <sup>2</sup>			- V ~ / - A / 6 mm <sup>2</sup>			- V ~ / - A / 10 mm <sup>2</sup>		
- V ~ / - A / AWG 22-10			- V ~ / - A / AWG 22-8			- V ~ / - A / AWG 20-6		
0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 10 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 16 mm <sup>2</sup> / 0.5 - 10 mm <sup>2</sup>		
22 - 10 / 0.5 - 4 mm <sup>2</sup>			22 - 8 / 0.5 - 6 mm <sup>2</sup>			20 - 6 / 0.5 - 10 mm <sup>2</sup>		
12 mm / ....			13 mm / ....			13 mm / ....		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
YBK 4 T	336 230	50	YBK 6 T	336 240	40	YBK 10 T	336 250	30
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP YBK 4 T	446 332	10	NPP YBK 6 T	446 342	10	NPP YBK 10 T	446 352	10
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DY 5 DB 10/5 DB 10/6 DG 6/5 DG 10/5 DG 10/6			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/6 DG 10/8			DY 5 DB 10/5 DB 10/6 DB 10/6,5 DG 6/5 DG 10/5 DG 10/6 DG 10/8 DG 10/10		
0.2 - 6 mm <sup>2</sup> / .... - ....			0.2 - 10 mm <sup>2</sup> / .... - ....			0.5 - 16 mm <sup>2</sup> / .... - ....		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A4			1 / A5			1 / A6		
IP20 / PE			IP20 / PE			IP20 / PE		

Sürekli küçülen klemens kutusu ihtiyacına yönelik çalışmaların sonucu olarak yay baskılı mini klemensler tasarlanmıştır. 2,5 mm<sup>2</sup>'lik kablo bağlantısına monte edilebilmektedir. Klemensler birbirlerine pimler vasıtasıyla kenetlenip blok oluşturmakta ve YBK serisinde kullanılan patentli üst köprü sistemi ile kullanıcıya ekstra stok oluşturmadan köprüleme yapma imkanı sağlamaktadır. **MYPK** MR 15 x 5,5 raya takılabilen mini klemens serisinin alternatifi olarak bu ürünler doğrudan panoya monte edilebilir. Ürünlerin iki yanına takılan durdurucularla panoya vidalama yapmak mümkündür. **MYSK** Mini yaylı klemens serisinin panolara doğrudan montaj yapılabilen diğer bir ürünüdür. Bu ürün, altında bulunan saplama ucuyla panoda açılacak deliğe doğrudan takılabilir.

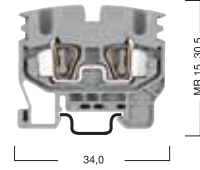
MYK spring type mini terminals have been designed for the necessity of making terminal connections within smaller enclosures. These terminals providing 2,5 mm<sup>2</sup> cable connections are mounted on MR 15x5,5 mounting rails. The terminals are fixed each other by the pins and provide users the patented cross connection system of YBK terminal blocks without keeping extra stock. MYPK type terminals are the alternative of MR 15 x 5.5 rail mount mini terminals and they can be directly mounted on the surface of the panels as well. Thanks to the end brackets fixed on the sides, it is possible to make the screw mounting on the surface of the panel. MYSK type terminals can be directly mounted within electrical panels like MYPK terminal blocks. Users fix this product into the M3,5 hole on the surface of the panel.



## MYK-Serisi Mini Yaylı Klemensler MYK Type Mini Terminals for MR 15 Rails

### MYK 2.5

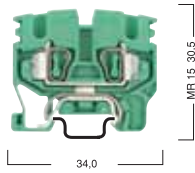
Kalınlık / Width 5 mm  
306 429 GRİ/GREY



Anma Değerleri / Electrical Ratings		Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
CE (EN 60947-7-1 / 60947-7-2 / 60998-2-2) UL / CSA için // UL / CSA		750 V ~ / 24 A / 2,5 mm <sup>2</sup> 600 V ~ / 20 A / AWG 22-12		
Bağlantı Bilgileri / Connection Data				
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection		0,5 - 4 mm <sup>2</sup> / 0,5 - 2,5 mm <sup>2</sup>		
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0,5 - 2,5 mm <sup>2</sup>		
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque		10 mm / ...		
Saplama Delik Çapı / Insert Hole Diameter				
Sipariş Bilgileri / Ordering Data		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66		GRİ / GREY YEŞİL/GREEN	MYK 2.5 306 429	50
Montaj Rayları / Mounting Rails		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 15x5,5 MR 15x5,5 Delikli / Slotted		MR 15x5,5 Delikli/Slotted	500 610 500 611	1 m 1 m
		MR 15x5,5 Delikli/Slotted	500 612 500 613	2 m 2 m
Durdurucu / End Bracket		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
		BEJ / BEIGE GRİ / GREY GRİ / GREY GRİ / GREY	KD 5 KD 5	100 100
Nihayet Plakası / End Plate		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Kalınlık / Thickness 1,5 mm Polyamide 66		BEJ / BEIGE GRİ / GREY	MYK NPP 1 MYK NPP 2	446 429 446 439
Geçme Üst Köprü / Cross Connection		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
		UK 2.5/2 UK 2.5/3 UK 2.5/4 UK 2.5/10	476 222 476 223 476 224 476 229	25 20 15 5
Klemens Etiketleri / Marking Tags (Dekafix)				
Dekafix kullanımı için 104. sayfaya bakınız. See page 104, for the usage of dekafix.		DY 5		
Teknik Bilgiler / Technical Data				
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data		0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A		
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity		8 kV / 3		
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3		
• Koruma sınıfları / Koruma iletken tipi - Protection class / Protection conductor type		IP20 / -		

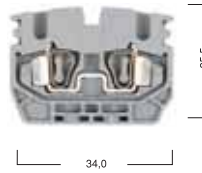
**MYK 2.5 T**

Kalınlık / Width 5 mm  
336 420 YEŞİL/GREEN



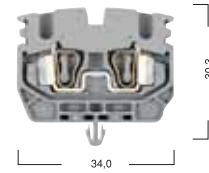
**MYPK 2.5**

Kalınlık / Width 5 mm  
306 439 GRİ/GREY



**MYSK 2.5**

Kalınlık / Width 5 mm  
306 449 GRİ/GREY



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
- V ~ / - A / 2,5 mm <sup>2</sup>			750 V ~ / 24 A / 2,5 mm <sup>2</sup>			750 V ~ / 24 A / 2,5 mm <sup>2</sup>		
- V ~ / - A / AWG 22-12			600 V ~ / 20 A / AWG 22-12			600 V ~ / 20 A / AWG 22-12		
0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>		
22 - 12 / 0.5 - 2.5 mm <sup>2</sup>			22 - 12 / 0.5 - 2.5 mm <sup>2</sup>			22 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
10 mm / ....			10 mm / ....			10 mm / ....		
Ø 3,5								
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MYK 2.5 T	336 420	50	MYPK 2.5	306 439	100	MYSK 2.5	306 449	100
Tip/Type	Sip.No./Cat.No.	Mik./Qty.				Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 15x5,5	500 610	1 m						
Delikli/Slotted	500 611	1 m						
MR 15x5,5	500 612	2 m						
Delikli/Slotted	500 613	2 m						
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 5	495 060	100						
KD 5	495 069	100						
			MYPD 1	495 079	100	MYPD 1	495 079	100
			MYPD 2	495 089	100	MYPD 2	495 089	100
Tip/Type	Sip.No./Cat.No.	Mik./Qty.				Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MYK NPP 1	446 422	100				MYK NPP 1	446 429	100
MYK NPP 2	446 432	100				MYK NPP 2	446 439	100
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
			UK 2.5/2	476 222	25	UK 2.5/2	476 222	25
			UK 2.5/3	476 223	20	UK 2.5/3	476 223	20
			UK 2.5/4	476 224	15	UK 2.5/4	476 224	15
			UK 2.5/10	476 229	5	UK 2.5/10	476 229	5
DY 5			DY 5			DY 5		
0.2 - 4 mm <sup>2</sup> / .... - ....			0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A			0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A3			1 / A3			1 / A3		
IP20 / PE			IP20 / -			IP20 / -		

YBK 2,5-2F-Serisi ray klemensleri kablo bağlantısı yapmanın zor olduğu dar yerlerde en iyi bağlantı çözümünü sunmaktadır. Bu özelliğinin yanısıra aşağıdaki avantajlara da sahiptir.

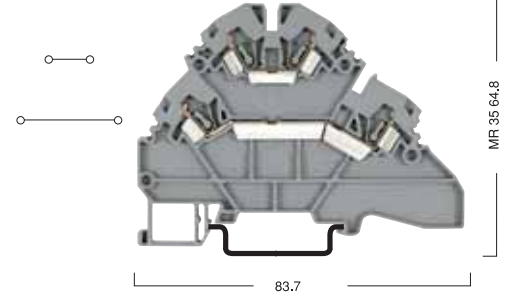
- Montaj rayını büyütmeden, bağlantı sayısını iki misline çıkarır,
- Her iki katta da köprüleme imkanı mevcuttur,
- Her iki katta da kodlamaya uygun bir yapıya sahiptir.

Double deck spring clamp terminals provide solution to connection problems occurring because of limited spaces. Besides this, double level terminals have the following advantages:

- Double wiring density available without extension of mounting rails.
- Interconnection / shorting can be done at both levels.
- Marking / Identification by marking tags possible at both levels.

## İki Katlı Yay Baskılı Ray Klemensleri Double Deck Spring Clamp Terminals

### YBK 2.5-2 F Kalınlık / Width 5 mm 316 109 GRİ/GREY



Anma Değerleri / Electrical Ratings	Gerilim / Akım / Kesit / Voltage/Current/Cross-section
CE (EN 60947-7-1)	500 V ~ / 24 A / 2,5 mm <sup>2</sup>
UL / CSA	600 V ~ / 20 A / AWG 22-12

Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Yay bağlantılı - Çuklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection	0,5 - 4 mm <sup>2</sup> / 0,5 - 2,5 mm <sup>2</sup>
• AWG İletken / Yükseklik Çuklu İletken - AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0,5 - 2,5 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torqu - Insulation Stripping Length / Torque	10 mm / ....

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66	YBK 2.5-2 F	316 100 / 316 109	30
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		

Elektriksel Özellikler / Electrical Ratings	
Diod Ters Gerilimi / Diode Reverse Voltage	
Diod Akımı / Diode Current	
Diod / Diode	

Montaj Rayları / Mounting Rail	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	MR 35x7,5	500 601	1 m
MR 35x7,5 Delikli / Slotted	MR 35x7,5 Delikli / Slotted	500 602	1 m
	MR 35x7,5	500 603	2 m
	MR 35x7,5 Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	MR 35x15 Delikli / Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Kalınlık / Thickness 8 mm	GRİ / GREY	KD 3	495 049	100
	GRİ / GREY	KD 4	495 059	100
		KD 7	495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
Kalınlık / Thickness 1.5 mm	Polyamide 66	BEJ / BEIGE	NPP YBK 2.5-2 F	446 290	10
		GRİ / GREY	NPP YBK 2.5-2 F	446 299	10

Geçme Üst Köprü / Cross - Connection	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	UK 2.5/2	476 222	25
	UK 2.5/3	476 223	20
	UK 2.5/4	476 224	15
	UK 2.5/10	476 229	5

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
	GRİ / GREY	GE	496 119	50
	SEFFAF / TRANSPARENT	ME	496 13A	25
	SEFFAF / TRANSPARENT	ME 3	496 300	50

Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5		

Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max clamping range / Max. technical data	0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> - 32 A
• Beyan darbe gerilim / Kirliilik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -



%50 yer tasarrufu  
50% space saving

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver



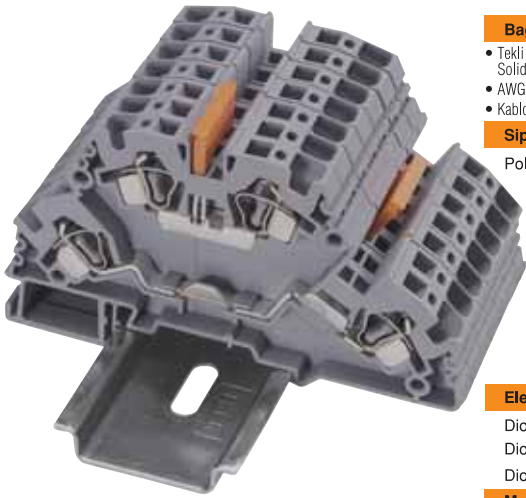


YBK 4-2F-Serisi ray klemensleri kablo bağlantısı yapmanın zor olduğu dar yerlerde en iyi bağlantı çözümünü sunmaktadır. Bu özelliğinin yanısıra aşağıdaki avantajlara da sahiptir.

- Montaj rayını büyütmeden, bağlantı sayısını iki misline çıkarır,
- Her iki katta da köprüleme imkanı mevcuttur,
- Her iki katta da kodlamaya uygun bir yapıya sahiptir.

Double deck spring clamp terminals provide solution to connection problems occurring because of limited spaces. Besides this, double level terminals have the following advantages:

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- Interconnection / shorting can be done at both levels.
- Marking / Identification by marking tags possible at both levels.

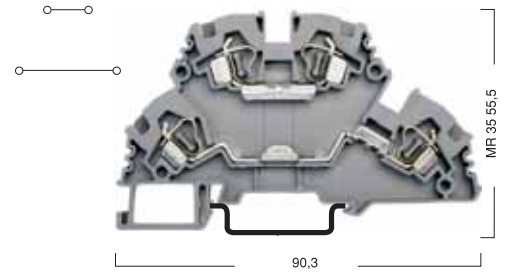


%50 yer tasarrufu  
50% space saving

## İki Katlı Yay Baskılı Ray Klemensleri Double Deck Spring Clamp Terminals

### YBK 4-2F

Kalınlık / Width 6 mm  
318 109 GRİ / GREY



Anma Değerleri / Electrical Ratings	Gerilim/Akm/Kesit / Voltage/Current/Cross-section
CE ( EN 60947-7-1)	750 V ~ / 32 A / 4 mm <sup>2</sup>
UL / UL	600 V ~ / 26 A / AWG 22-10

Bağlantı Bilgileri / Connection Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection	0,5 - 6 mm <sup>2</sup> / 0,5 - 4 mm <sup>2</sup>		
• AWG İletken / Yüksekli Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	22 - 10 / 0,5 - 4 mm <sup>2</sup>		
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	12 mm / ...		

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66	YBK 4-2F	318 100 / 318 109	50
BEJ - BEIGE / GRİ - GREY			
BEJ - BEIGE / GRİ - GREY			
BEJ - BEIGE / GRİ - GREY			
BEJ - BEIGE / GRİ - GREY			
BEJ - BEIGE / GRİ - GREY			
BEJ - BEIGE / GRİ - GREY			
BEJ - BEIGE / GRİ - GREY			
BEJ - BEIGE / GRİ - GREY			
BEJ - BEIGE / GRİ - GREY			

Elektriksel Özellikler / Electrical Ratings	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Diod Ters Gerilimi / Diode Reverse Voltage			
Diod Akımı / Diode Current			
Diod / Diode			

Montaj Rayları / Mounting Rail	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	MR 35x7,5	500 601	1 m
MR 35x7,5 Delikli / Slotted	Delikli / Slotted	500 602	1 m
MR 35x15	MR 35x7,5	500 603	2 m
MR 35x15 Delikli / Slotted	Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli / Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Kalınlık / Thickness 8 mm	GRİ / GREY	KD 3	495 049
	GRİ / GREY	KD 4	495 059
		KD 7	495 219

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Kalınlık / Thickness 1,5 mm Polyamide 66	BEJ / BEIGE	NPP YBK 4-2F	446 260
	GRİ / GREY	NPP YBK 4-2F	446 269

Geçme Üst Köprü / Cross - Connection	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15
	UK 4/10	476 239	5

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	GRİ / GREY	GE	496 119
	SEFFAF / TRANSPARENT	ME	496 13A
	SEFFAF / TRANSPARENT	ME 3	496 300

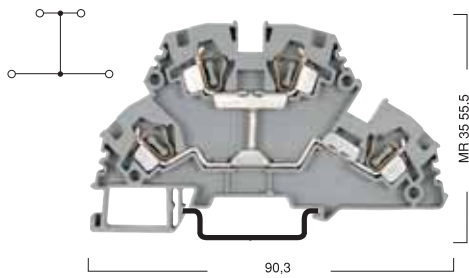
Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DG 6/5		

Teknik Bilgiler / Technical Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
• Bağlanabilen max İletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	0,2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 41 A		
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3		
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / A4		
• Koruma sınıfı / Koruma İletken tipi - Protection class / Protection conductor type	IP20 / -		

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver

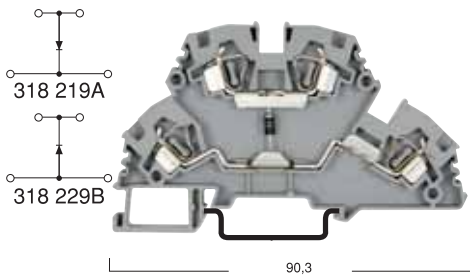
**YBK 4-2FK**

Kalınlık / Width 6 mm  
318 129 GRİ / GREY



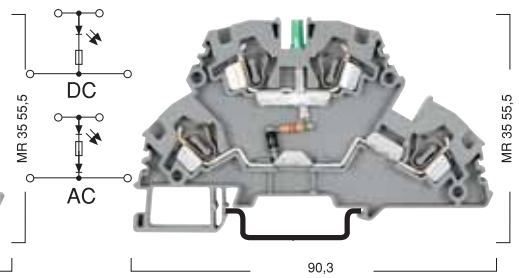
**YBK 4-2FD**

Kalınlık / Width 6 mm  
318 219 / 229 GRİ / GREY



**YBK 4-2FLD**

Kalınlık / Width 6 mm  
-----



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
750 V ~ / 32 A / 4 mm <sup>2</sup>			750 V ~ / 32 A / 4 mm <sup>2</sup>			- V ~ / 32 A / 4 mm <sup>2</sup>		
0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>		
22 - 10 / 0.5 - 4 mm <sup>2</sup>			22 - 10 / 0.5 - 4 mm <sup>2</sup>			22 - 10 / 0.5 - 4 mm <sup>2</sup>		
12 mm / ....			12 mm / ....			12 mm / ....		
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
YBK 4-2FK	318 120 / 318 129	20	YBK 4-2FD-A	318 210 / 318 219	20	YBK 4-2FLD	318 310 / 318 319 (24V AC)	20
			YBK 4-2FD-B	318 220 / 318 229	20	YBK 4-2FLD	318 320 / 318 329 (24V DC)	20
						YBK 4-2FLD	318 410 / 318 419 (48V AC)	20
						YBK 4-2FLD	318 420 / 318 429 (48V DC)	20
						YBK 4-2FLD	318 610 / 318 619 (110V AC)	20
						YBK 4-2FLD	318 620 / 318 629 (110V DC)	20
						YBK 4-2FLD	318 710 / 318 719 (220V AC)	20
						YBK 4-2FLD	318 720 / 318 729 (220V DC)	20
			1000 V					
			0.5 A					
			1 N 4007					
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP YBK 4-2F	446 260	25	NPP YBK 4-2F	446 260	25	NPP YBK 4-2F	446 260	25
NPP YBK 4-2F	446 269	25	NPP YBK 4-2F	446 269	25	NPP YBK 4-2F	446 269	25
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
UK 4/2	476 232	25	UK 4/2	476 232	25	UK 4/2	476 232	25
UK 4/3	476 233	20	UK 4/3	476 233	20	UK 4/3	476 233	20
UK 4/4	476 234	15	UK 4/4	476 234	15	UK 4/4	476 234	15
UK 4/10	476 239	5	UK 4/10	476 239	5	UK 4/10	476 239	5
Sadece alt katlar köprülenebilir / Only lower decks can be cross-connected			Sadece alt katlar köprülenebilir / Only lower decks can be cross-connected			Sadece alt katlar köprülenebilir / Only lower decks can be cross-connected		
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DY 5 DG 6/5			DY 5 DG 6/5			DY 5 DG 6/5		
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 41 A			0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 41 A			0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 41 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A4			1 / A4			1 / A4		
IP20 / -			IP20 / -			IP20 / -		

Motorlar ve sensörler gibi 3 ve 4 iletkenli elemanlar endüstride yaygın olarak kullanılmaktadır. Çok katlı klemens blokları 3 ve 4 iletkenli elemanların uygulamalarındaki gereksinimleri karşılamak amacıyla tasarlanmış ve geliştirilmiştir. Sinyal, güç ve topraklama kablo girişleri 6 mm. genişliğinde tek bir kompakt sistem üzerine yerleştirilmiştir.

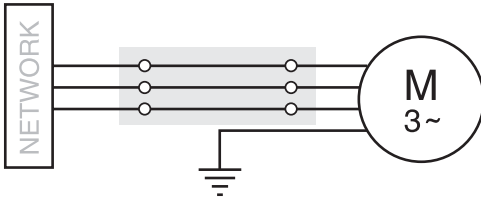
Çok katlı klemens blokları:

- Kablolamayı daha pratik ve estetik hale sokar.
- Elektrik panolarının her geçen gün biraz daha küçüldüğü günümüzde küçük alanda daha fazla bağlantıya imkan verir.
- Her katta ayrı ayrı köprüleme olanağı sunar. Bu özelliği ile sensör klemens bloklarının başında yer alır.
- Renkli katları sayesinde pozitif, negatif ve toprak uçlarını belirgin hale getirerek kablolama hatlarını en aza indirir ve kablolama hızını artırır.
- Kompakt tasarımı, bu klemensleri sınırlı alanlar için ideal hale sokar.

3 and 4 wired elements such as motors, sensors, actuators and initiators are commonly used in industry. The multi level terminal blocks are designed and developed to meet the demanding requirements of 3 or 4 wire applications. Signal, power and ground can be connected on a single, compact 6 mm. width terminal block.

Multi level terminal blocks:

- Make wiring more practical
- Reduce the installation costs and speed the wiring.
- Provide individual cross connections for each layer. They are used at the edge of sensor terminal blocks.
- Provide definitive identification of positive, negative and ground connections with the help of internationally accepted colors for the related layers. Because of this property, they minimize wiring mistakes and speed wiring.
- Are ideal for limited spaces because of their compact designs.



## Yaylı Tip Çok Katlı Ray Klemensleri ve Aksesuarları

### Spring Clamp Terminals For Initiators, Actuators and Motors



#### Anma Değerleri / Electrical Ratings

CE (EN 60947-7-1 / 60947-7-2)  
UL / CSA

#### Bağlantı Bilgileri / Connection Data

- Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı  
Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection
- AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule
- Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque

#### Sipariş Bilgileri / Ordering Data

Polyamide 66 BEJ / BEIGE  
GRI / GREY

#### Montaj Rayları / Mounting Rails

MR 35x7,5 MR 35x15  
MR 35x7,5 Delikli / Slotted MR 35x15 Delikli / Slotted



#### Durdurucu / End Bracket

Kalınlık / Thickness 8 mm GRI - GREY  
GRI - GREY



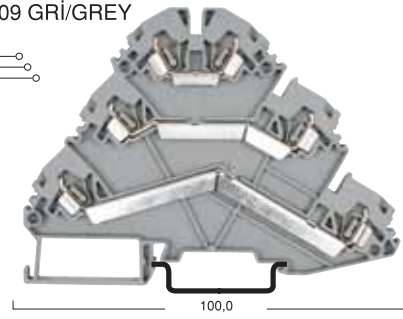
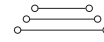
#### Nihayet Plakası / End Plate

Kalınlık / Thickness 1,5 mm Polyamide 66 BEJ / BEIGE  
GRI / GREY



#### Geçme Üst Köprü / Cross Connection

YBK 2.5-3 F  
Kalınlık / Width 5 mm  
324 509 GRI/GREY



#### Gerilim / Akım / Kesit / Voltage/Current/Cross-section

500 V ~ / 24 A / 2.5 mm<sup>2</sup>  
600 V ~ / 20 A / AWG 22-12

0.5 - 4 mm<sup>2</sup> / 0.5 - 2.5 mm<sup>2</sup>

22 - 12 / 0.5 - 2.5 mm<sup>2</sup>

10 mm / ....

#### Tip/Type Sip.No./Cat. No. Mik./Qty.

YBK 2.5-3 F 324 500 30  
YBK 2.5-3 F 324 509 30

#### Tip/Type Sip.No./Cat. No. Mik./Qty.

MR 35x7,5 500 601 1 m  
Delikli / Slotted 500 602 1 m  
MR 35x7,5 500 603 2 m  
Delikli / Slotted 500 604 2 m  
MR 35x15 500 606 1 m  
Delikli / Slotted 500 607 1 m

#### Tip/Type Sip.No./Cat. No. Mik./Qty.

KD 3 495 049 100  
KD 4 495 059 100  
KD 7 495 219 50

#### Tip/Type Sip.No./Cat. No. Mik./Qty.

NPP YBK 2.5-3 F 446 240 10  
NPP YBK 2.5-3 F 446 249 10

#### Tip/Type Sip.No./Cat. No. Mik./Qty.

UK 2.5/2 476 222 25  
UK 2.5/3 476 223 20  
UK 2.5/4 476 224 15  
UK 2.5/10 476 229 5

#### Grup Etiketleri / Group Marking

GRI / GREY SEFFAF / TRANSPARENT  
GE ME3 (KD7 ile kullanılmaktadır / Used with KD7) ME3  
GE ME

#### Klemens Etiketleri / Marking Tags (Dekafix)

Dekafix kullanımı için 104. sayfaya bakınız.  
See page 104. for the usage of dekafix.

#### Teknik Bilgiler / Technical Data

- Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri  
Max. clamping range / Max. technical data
- Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity
- Yalıtım malzeme grubu / Beyan kablo master kodu -  
Insulation material group / Gauge pin code according to IEC 60947-1
- Korumaya sınıfı / Koruma iletken tipi - Protection class / Protection conductor type

0.2 - 4 mm<sup>2</sup> / 4 mm<sup>2</sup> / 32 A

6 kV / 3

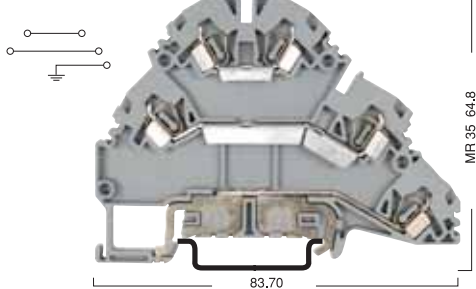
1 / A3

IP20 / -

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver

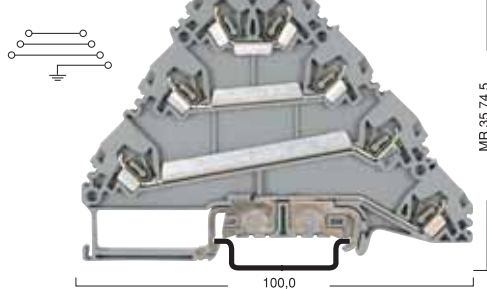
**YBK 2.5-2 FT**

Kalınlık / Width 5 mm  
324 809 GRI/GREY



**YBK 2.5-3 FT**

Kalınlık / Width 5 mm  
324 609 GRI/GREY



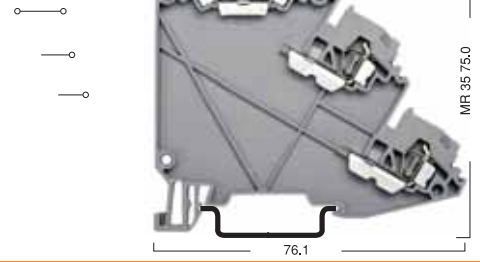
Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section		
500 V ~ / 24 A / 2.5 mm <sup>2</sup>			500 V ~ / 24 A / 2.5 mm <sup>2</sup>		
600 V ~ / 20 A / AWG 22-12			600 V ~ / 20 A / AWG 22-12		
0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>		
22 - 12 / 0.5 - 2.5 mm <sup>2</sup>			22 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
10 mm / ....			10 mm / ....		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
YBK 2.5-2 FT	324 800	30	YBK 2.5-3 FT	324 600	30
YBK 2.5-2 FT	324 809	30	YBK 2.5-3 FT	324 609	30
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP YBK 2.5-2 FT	446 290	10	NPP YBK 2.5-3 FT	446 250	10
NPP YBK 2.5-2 FT	446 299	10	NPP YBK 2.5-3 FT	446 259	10
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 2.5/2	476 222	25			
UK 2.5/3	476 223	20			
UK 2.5/4	476 224	15			
UK 2.5/10	476 229	5			
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50
DY 5			DY 5		
0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A			0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A		
6 kV / 3			6 kV / 3		
1 / A3			1 / A3		
IP20 / PEN			IP20 / PEN		

YBK 3 S klemensleri, üç kablolu sensör ve proximity switch'lerin bağlantıları için yer, zaman ve maliyet avantajı sağlayarak en uygun çözümü sunmaktadır. Bu ürünler 3 katlı motor klemensler ile birlikte kullanılarak ve köprülenerek istenilen miktarda sensör bağlantı yapma imkanı sağlamaktadır.

YBK 3 S terminal blocks minimize wiring time and cabinet space when terminating three wire devices such as sensors, proximity switches etc. These items are used with the YBK 2,5 - 3 F type terminals and can be cross connected and provide connection for any needed number of sensors or proximity switches.

## Yaylı Tip Sensör Klemensleri Spring Type Sensor Terminals

**YBK 3 S**  
Kalınlık / Width 5 mm  
324 709  
GRI/GREY



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
CE (EN 60947-7-1)	500 V ~ / 24 A / 2.5 mm <sup>2</sup>

Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection	0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>
• AWG İletken / Yükseküklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0.5 - 2.5 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	10 mm / ....

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Polyamide 66	BEJ / BEIGE	YBK 3 S	324 700	20
	GRI / GREY	YBK 3 S	324 709	20

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x7,5	500 601	1 m
MR 35x15 MR 35x15 Delikli / Slotted	Delikli / Slotted	500 602	1 m
	MR 35x7,5	500 603	2 m
	Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli / Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Kalınlık / Thickness 8 mm	GRI / GREY	KD 3	495 049	100
	GRI / GREY	KD 4	495 059	100
		KD 7	495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
Kalınlık / Thickness 1,5 mm	BEJ / BEIGE	NPP YBK 3 S	446 280	10
	GRI / GREY	NPP YBK 3 S	446 289	10

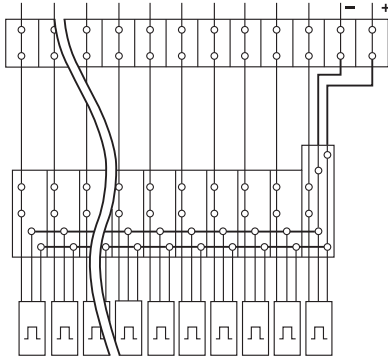
Geçme Üst Köprü / Cross Connection	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	UK 2.5/2	476 222	25
	UK 2.5/3	476 223	20
	UK 2.5/4	476 224	15
	UK 2.5/10	476 229	5

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	
 (KD7 ile kullanılmaktadır / Used with KD7)	GRI / GREY	GE	496 119	50
	SEFFAF / TRANSPARENT	ME	496 13A	25
	SEFFAF / TRANSPARENT	ME 3	496 300	50

Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5		

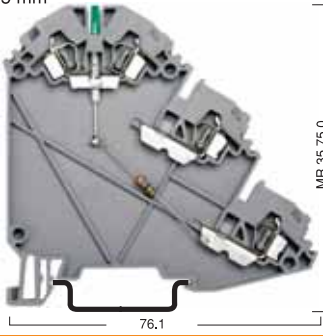
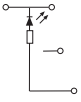
Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	6 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver



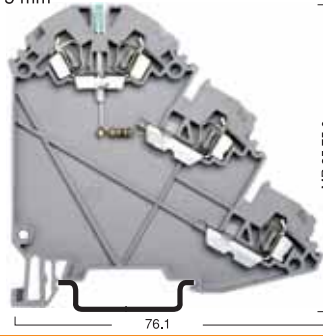
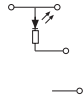
**YBK 3 SLD (NPN)**

Kalınlık / Width 5 mm  
324 719  
GRİ/GREY



**YBK 3 SLD (PNP)**

Kalınlık / Width 5 mm  
324 729  
GRİ/GREY



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
- V ~ / 24 A / 2.5 mm <sup>2</sup>			- V ~ / 24 A / 2.5 mm <sup>2</sup>		
0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>		
22 - 12 / 0.5 - 2.5 mm <sup>2</sup>			22 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
10 mm / ....			10 mm / ....		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
YBK 3 SLD (24 VDC)	324 710	20	YBK 3 SLD (24 VDC)	324 720	20
YBK 3 SLD (24 VDC)	324 719	20	YBK 3 SLD (24 VDC)	324 729	20
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP YBK 3 S	446 280	10	NPP YBK 3 S	446 280	10
NPP YBK 3 S	446 289	10	NPP YBK 3 S	446 289	10
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 2.5/2	476 222	25	UK 2.5/2	476 222	25
UK 2.5/3	476 223	20	UK 2.5/3	476 223	20
UK 2.5/4	476 224	15	UK 2.5/4	476 224	15
UK 2.5/10	476 229	5	UK 2.5/10	476 229	5
Üst Kat Köprülenemez			Üst Kat Köprülenemez		
<i>Upper deck cannot be cross-connected</i>			<i>Upper deck cannot be cross-connected</i>		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50
DY 5			DY 5		
0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A			0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A		
6 kV / 3			6 kV / 3		
1 / A3			1 / A3		
IP20 / -			IP20 / -		

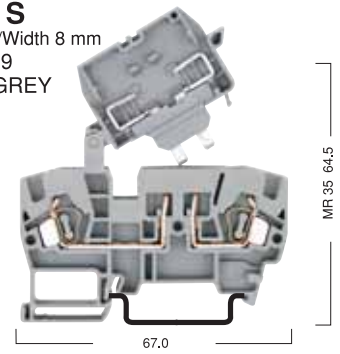
Klemensler, Ø5x20 veya Ø5x25 cam sigorta takılabilen ve yedek sigorta yuvası bulunan bir kartuşa sahiptir. Ayırma klemensleri ise bağlı buldukları akım devrelerinde üzerlerinde bulunan ayırma mandalı sayesinde iletkenleri yerinden sökmeden devreyi açmaya ve kapamaya yararlar. İstenildiği takdirde ayırma mandalı içindeki bara uygun bir sigortayla değiştirilerek sigortalı klemens olarak da kullanılabilir. (YBK 2.5A hariç)

The terminal has a moving type hinged carrier that has a specially designed space for cartridge type glass fuse of size Ø5x20 or Ø5x25 together with a spare one. Disconnect Terminals can switch the circuit without disconnecting the conductors by a disconnect busbar, in the disconnect, the disconnect busbar can be changed with a proper fuse to use as a fuse terminal optionally. (Except YBK 2,5A)

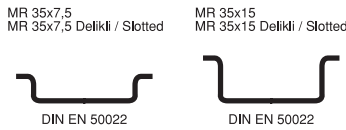
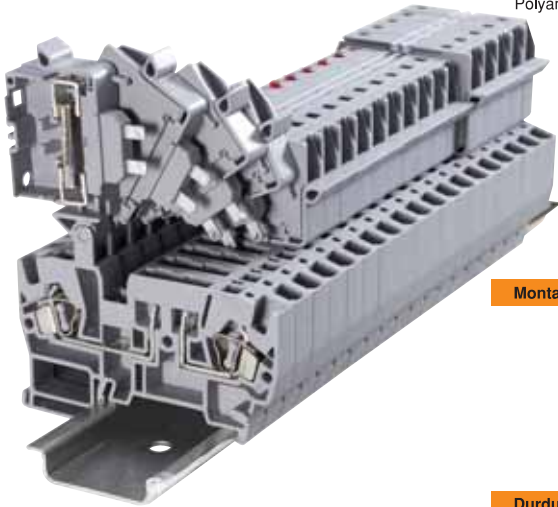
## Yaylı Tip Sigortalı ve Baralı Klemensler Spring Clamp Fuse and Disconnect Terminals

### YBK S

Kalınlık/Width 8 mm  
355 119  
GRİ / GREY



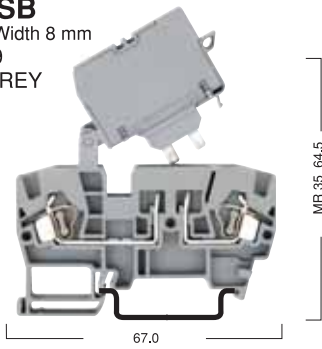
Anma Değerleri / Electrical Ratings		Gerilim / Akım / Kesit / Voltage/Current/Cross-section		
CE (EN 60947-7-1 / 60947-7-3) UL / CSA		500 V ~ / 10 A / 4 mm <sup>2</sup> 600 V ~ / 10 A / AWG 22-10		
Bağlantı Bilgileri / Connection Data				
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection		0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>		
• AWG İletken / Yüksekli Çoklu iletken - AWG Conductor / Fine Strand with Ferrule		22 - 10 / 0.5 - 4 mm <sup>2</sup>		
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque		12 mm / ....		
Sipariş Bilgileri / Ordering Data		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66		BEJ - BEIGE / GRİ - GREY	355 110 / 355 119	20
		BEJ - BEIGE / GRİ - GREY		
		BEJ - BEIGE / GRİ - GREY		
		BEJ - BEIGE / GRİ - GREY		
		BEJ - BEIGE / GRİ - GREY		
		BEJ - BEIGE / GRİ - GREY		
		BEJ - BEIGE / GRİ - GREY		
		BEJ - BEIGE / GRİ - GREY		
Montaj Rayları / Mounting Rails		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5 MR 35x7,5 Delikli / Slotted		MR 35x7,5	500 601	1 m
MR 35x15 MR 35x15 Delikli / Slotted		Delikli / Slotted	500 602	1 m
		MR 35x7,5	500 603	2 m
		Delikli / Slotted	500 604	2 m
		MR 35x15	500 606	1 m
		Delikli / Slotted	500 607	1 m
Durdurucu / End Bracket		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Kalınlık / Thickness 8 mm		GRİ / GREY	KD 3	495 049
		GRİ / GREY	KD 4	495 059
			KD 7	495 219
Nihayet Plakası / End Plate		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66 Kalınlık / Thickness 1.5 mm.		BEJ / BEIGE	NPP YBK S - YBK I	450 060
		GRİ / GREY	NPP YBK S - YBK I	450 069
			NPP YBK 2.5 A	
Geçme Üst Köprü / Cross - Connection		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
		UK 6/2	476 242	25
		UK 6/3	476 243	20
		UK 6/4	476 244	15
		UK 6/10	476 249	5
Sigorta Buşonu / Fuse Cartridges		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
5 x 20 mm. 1 ..... 10 A		MSB	359 001	10
Grup Etiketleri / Group Marking		Tip/Type	Sip.No./Cat.No.	Mik./Qty.
E ME ME3 (KD7 ile kullanılmaktadır / Used with KD7)		GRİ / GREY SEFFAF / TRANSPARENT	GE	496 119
		GRİ / GREY SEFFAF / TRANSPARENT	ME	496 13A
		GRİ / GREY SEFFAF / TRANSPARENT	ME 3	496 300
Klemens Etiketleri / Marking Tags (Dekafix)		Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.		
		DY 5 DG 6/5 DG 10/8		
Teknik Bilgiler / Technical Data				
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data		0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 10 A		
• Beyan darbe gerilimi / Kirillik derecesi - Rated Impulse Voltage/Pollution severity		6 kV / 3		
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1		1 / A4		
• Koruması sınıfı / Koruma iletken tipi - Protection class / Protection conductor type		IP20 / -		





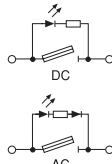
**YBK SB**

Kalınlık/Width 8 mm  
363 109  
GRİ / GREY



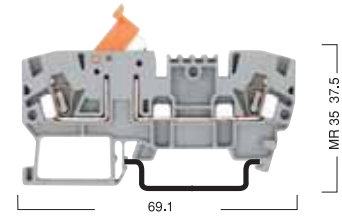
**YBK SLD**

Kalınlık/Width 8 mm  
--- --9  
GRİ / GREY



**YBK 2.5 A**

Kalınlık / Width 5 mm  
353 209  
GRİ / GREY



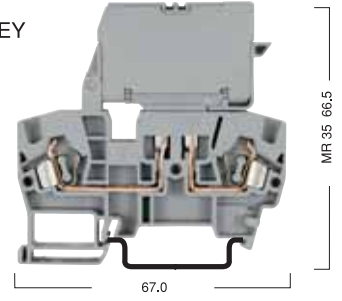
Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section		
500 V ~ / 10 A / 4 mm <sup>2</sup>			- V ~ / 10 A / 4 mm <sup>2</sup>			750 V ~ / 16 A / 2.5 mm <sup>2</sup>		
						600 V ~ / 10 A / AWG 22-12		
0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>		
22 - 10 / 0.5 - 4 mm <sup>2</sup>			22 - 10 / 0.5 - 4 mm <sup>2</sup>			22 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
12 mm / ....			12 mm / ....			10 mm / ....		
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
YBK SB	363 100 / 363 109	20	YBK SLD	355 710 / 355 719 (24 V AC)	20	YBK 2.5 A	353 200 / 353 209	50
			YBK SLD	355 720 / 355 729 (24 V DC)	20			
			YBK SLD	355 730 / 355 739 (48 V AC)	20			
			YBK SLD	355 740 / 355 749 (48 V DC)	20			
			YBK SLD	355 750 / 355 759 (110 V AC)	20			
			YBK SLD	355 760 / 355 769 (110 V DC)	20			
			YBK SLD	355 770 / 355 779 (220 V AC)	20			
			YBK SLD	355 780 / 355 789 (220 V DC)	20			
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP YBK S - YBK I	450 060	10	NPP YBK S - YBK I	450 060	10	NPP YBK 2.5 A	450 210	10
NPP YBK S - YBK I	450 069	10	NPP YBK S - YBK I	450 069	10	NPP YBK 2.5 A	450 219	10
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
UK 6/2	476 242	25	UK 6/2	476 242	25	UK 2.5/2	476 222	25
UK 6/3	476 243	20	UK 6/3	476 243	20	UK 2.5/3	476 223	20
UK 6/4	476 244	15	UK 6/4	476 244	15	UK 2.5/4	476 224	15
UK 6/10	476 249	5	UK 6/10	476 249	5	UK 2.5/10	476 229	5
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
			MSB	359 001	10			
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DY 5 DG 6/5 DG 10/8			DY 5 DG 6/5 DG 10/8			DY 5 DB 10/5 DG 10/5		
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 10 A			0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 10 A			0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 16 A		
6 kV / 3			6 kV / 3			8 kV / 3		
1 / A4			1 / A4			1 / A3		
IP20 / -			IP20 / -			IP20 / -		

ABD'de kullanılan 6.35 mm. x 31.75 mm. (1/4" x 1 1/4") sigorta ve baralar için tasarlanmıştır.

Designed for 6.35 mm. x 31.75 mm. (1/4" x 1 1/4") fuses and busbars in American standard.

**Yaylı Tip Sigortalı ve Baralı Klemensler**  
**Spring Clamp Fuse and Disconnect Terminals**

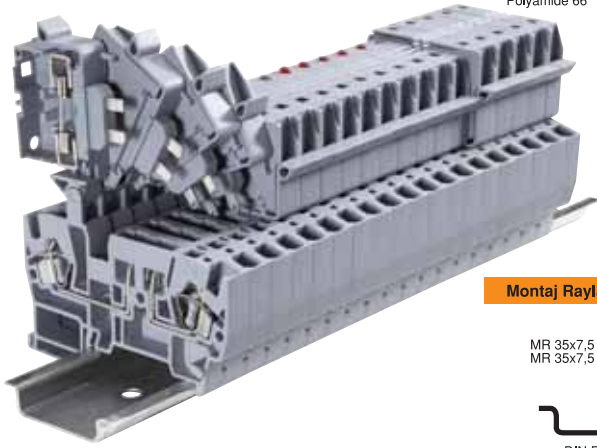
**YBK I**  
Kalınlık / Width 8 mm  
355 129  
GRİ / GREY



Anma Değerleri / Electrical Ratings	Gerilim / Akım / Kesit / Voltage/Current/Cross-section
CE (EN 60947-7-3)	500 V ~ / 10 A / 4 mm <sup>2</sup>
UL / CSA	600 V ~ / 10 A / AWG 22-10

Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection	0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	22 - 10 / 0.5 - 4 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	12 mm / ...

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66	YBK I	355 120 / 355 129	20
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		
	BEJ - BEIGE / GRİ - GREY		



Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7.5 MR 35x7.5 Delikli / Slotted	MR 35x7.5	500 601	1 m
	Delikli / Slotted	500 602	1 m
	MR 35x7.5	500 603	2 m
	Delikli / Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli / Slotted	500 607	1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Kalınlık / Thickness 8 mm	GRİ / GREY	KD 3	495 049	100
	GRİ / GREY	KD 4	495 059	100
		KD 7	495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
Kalınlık / Thickness 1.5 mm, Polyamide 66	BEJ / BEIGE	NPP YBK S - YBK I	450 060	10
	GRİ / GREY	NPP YBK S - YBK I	450 069	10

Geçme Üst Köprü / Cross - Connection	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	UK 6/2	476 242	25
	UK 6/3	476 243	20
	UK 6/4	476 244	15
	UK 6/10	476 249	5

Sigorta Buşonu / Fuse Cartridges	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
6.35 x 31.75 mm.(1/4" x 1 1/4")	MSB	359 020	10

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	
GE (KD7 ile kullanılmaktadır / Used with KD7)	GRİ / GREY SEFFAF / TRANSPARENT	GE	496 119	50
ME	GRİ / GREY SEFFAF / TRANSPARENT	ME	496 13A	25
ME3	GRİ / GREY SEFFAF / TRANSPARENT	ME 3	496 300	50

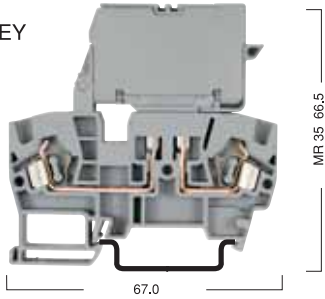
Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat.No.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104, for the usage of dekafix.	DY 5 DG 10/8	

Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max.kesite karşılık gelen akım değeri Max.clamping range / Max. technical data	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 10 A
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	6 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / A4
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -



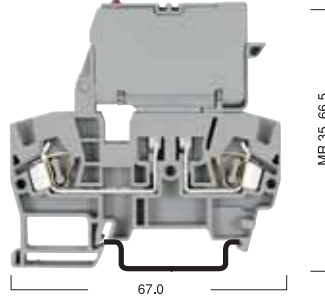
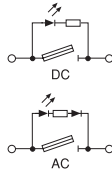
**YBK IB**

Kalınlık / Width 8 mm  
363 209  
GRİ / GREY



**YBK ILD**

Kalınlık / Width 8 mm  
--- --9  
GRİ / GREY



Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section		
500 V ~ / 10 A / 4 mm <sup>2</sup>			- V ~ / 10 A / 4 mm <sup>2</sup>		
0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 4 mm <sup>2</sup>		
22 - 10 / 0.5 - 4 mm <sup>2</sup>			22 - 10 / 0.5 - 4 mm <sup>2</sup>		
12 mm / ....			12 mm / ....		
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
YBK IB	363 200 / 363 209	20	YBK ILD	355 810 / 355 819 (24 V AC)	20
			YBK ILD	355 820 / 355 829 (24 V DC)	20
			YBK ILD	355 830 / 355 839 (48 V AC)	20
			YBK ILD	355 840 / 355 849 (48 V DC)	20
			YBK ILD	355 850 / 355 859 (110 V AC)	20
			YBK ILD	355 860 / 355 869 (110 V DC)	20
			YBK ILD	355 870 / 355 879 (220 V AC)	20
			YBK ILD	355 880 / 355 889 (220 V DC)	20
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP YBK S - YBK I	450 060	10	NPP YBK S - YBK I	450 060	10
NPP YBK S - YBK I	450 069	10	NPP YBK S - YBK I	450 069	10
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
UK 6/2	476 242	25	UK 6/2	476 242	25
UK 6/3	476 243	20	UK 6/3	476 243	20
UK 6/4	476 244	15	UK 6/4	476 244	15
UK 6/10	476 249	5	UK 6/10	476 249	5
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
			MSB	359 020	10
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50
DY 5 DG 10/8			DY 5 DG 10/8		
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 10 A			0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 10 A		
6 kV / 3			6 kV / 3		
1 / A4			1 / A4		
IP20 / -			IP20 / -		

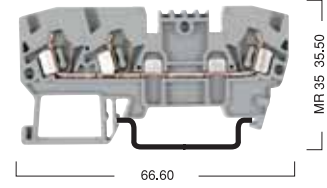
Daha küçük alanlarda daha fazla bağlantı yapma imkanı sağlamları ile birlikte, köprüleme ihtiyacını da tek üründe karşılamış olurlar. Böylece stok avantajı da sağlarlar.

These terminal blocks not only provide users extra terminals for electrical connections, but also fulfill the cross connection requirement regardless of using a supplemental connector.

**İki Giriş - Bir Çıkış**  
**İki Giriş - İki Çıkış**  
**Yay Baskılı Ray Klemensleri**  
Two In - One Out  
Two In - Two Out  
Spring Clamp Terminals

**YBK 2.5 E**

Kalınlık / Width 5 mm  
326 059 GRİ / GREY



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
CE (EN 60947-7-1)	750 V ~ / 24 A / 2.5 mm <sup>2</sup>
UL / CSA	600 V ~ / 20 A / AWG 22-12

Bağlantı Bilgileri / Connection Data	
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection	0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>
• AWG İletken / Yükseküklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0.5 - 2.5 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	10 mm / ....

Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66	YBK 2.5 E	326 050 / 326 059	50
BEJ - BEIGE / GRİ - GREY			

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7,5 MR 35x7,5 Delikli / Slotted	MR 35x7,5 Delikli / Slotted	500 601 500 602	1 m 1 m
MR 35x15 MR 35x15 Delikli / Slotted	MR 35x7,5 Delikli / Slotted	500 603 500 604	2 m 2 m
	MR 35x15 Delikli / Slotted	500 606 500 607	1 m 1 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Kalınlık / Thickness 8 mm GRİ / GREY	KD 3	495 049	100
GRİ / GREY	KD 4	495 059	100
	KD 7	495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Kalınlık / Thickness 1,2 mm Polyamide 66 BEJ / BEIGE	NPP YBK 2.5 E	446 210	10
GRİ / GREY	NPP YBK 2.5 E	446 219	10

Geçme Üst Köprü / Cross-Con.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	UK 2.5/2	476 222	25
	UK 2.5/3	476 223	20
	UK 2.5/4	476 224	15
	UK 2.5/10	476 229	5

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GRİ / GREY	GE	496 119	50
SEFFAF / TRANSPARENT	ME	496 13A	25
SEFFAF / TRANSPARENT	ME 3	496 300	50

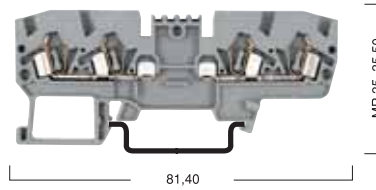
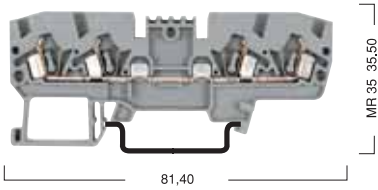
Klemens Etiketleri / Marking Tags (Dekafix)	
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage dekafix.	DY 5 DB 10/5 DG 10/5

Teknik Bilgiler / Technical Data	
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver

**YBK 2.5 C**  
Kalınlık / Width 5 mm  
326 109 GRİ / GREY

**YBK 2.5 CX2**  
Kalınlık / Width 5 mm  
326 209 GRİ / GREY



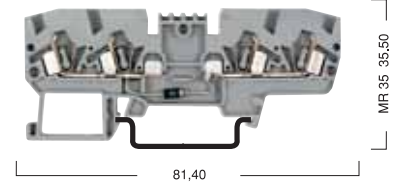
Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
750 V ~ / 24 A / 2.5 mm <sup>2</sup>			750 V ~ / 24 A / 2.5 mm <sup>2</sup>		
600 V ~ / 20 A / AWG 22-12					
0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>			0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>		
22 - 12 / 0.5 - 2.5 mm <sup>2</sup>			22 - 12 / 0.5 - 2.5 mm <sup>2</sup>		
10 mm / ....			10 mm / ....		
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
YBK 2.5 C	<b>326 100 / 326 109</b>	<b>50</b>	YBK 2.5 CX2	<b>326 200 / 326 209</b>	<b>50</b>
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7.5	<b>500 601</b>	1 m	MR 35x7.5	<b>500 601</b>	1 m
Delikli / Slotted	<b>500 602</b>	1 m	Delikli / Slotted	<b>500 602</b>	1 m
MR 35x7.5	<b>500 603</b>	2 m	MR 35x7.5	<b>500 603</b>	2 m
Delikli / Slotted	<b>500 604</b>	2 m	Delikli / Slotted	<b>500 604</b>	2 m
MR 35x15	<b>500 606</b>	1 m	MR 35x15	<b>500 606</b>	1 m
Delikli / Slotted	<b>500 607</b>	1 m	Delikli / Slotted	<b>500 607</b>	1 m
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 3	<b>495 049</b>	100	KD 3	<b>495 049</b>	100
KD 4	<b>495 059</b>	100	KD 4	<b>495 059</b>	100
KD 7	<b>495 219</b>	50	KD 7	<b>495 219</b>	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP YBK 2.5 C	<b>446 270</b>	10	NPP YBK 2.5 C	<b>446 270</b>	10
NPP YBK 2.5 C	<b>446 279</b>	10	NPP YBK 2.5 C	<b>446 279</b>	10
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
UK 2.5/2	<b>476 222</b>	25	UK 2.5/2	<b>476 222</b>	25
UK 2.5/3	<b>476 223</b>	20	UK 2.5/3	<b>476 223</b>	20
UK 2.5/4	<b>476 224</b>	15	UK 2.5/4	<b>476 224</b>	15
UK 2.5/10	<b>476 229</b>	5	UK 2.5/10	<b>476 229</b>	5
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GE	<b>496 119</b>	50	GE	<b>496 119</b>	50
ME	<b>496 13A</b>	25	ME	<b>496 13A</b>	25
ME 3	<b>496 300</b>	50	ME 3	<b>496 300</b>	50
DY 5 DB 10/5 DG 10/5			DY 5 DB 10/5 DG 10/5		
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A			0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A		
8 kV / 3			8 kV / 3		
1 / A3			1 / A3		
IP20 / -			IP20 / -		




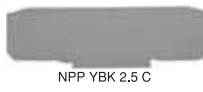
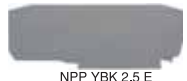

Daha küçük alanlarda daha fazla bağlantı yapma imkanı sağlamları ile birlikte, köprüleme ihtiyacını da tek üründe karşılamış olurlar. Böylece stok avantajı da sağlarlar.

These terminal blocks not only provide users extra terminals for electrical connections, but also fulfill the cross connection requirement regardless of using a supplemental connector.

**İki Giriş - İki Çıkış**  
**Yay Baskılı Ray Klemensleri**  
*Two In - Two Out*  
*Spring Clamp Terminals*

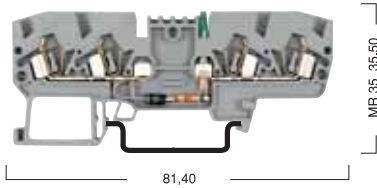
**YBK 2.5 CD**  
Kalınlık / Width 5 mm  
326 219 GRİ / GREY



Anma Değerleri / Electrical Ratings		Gerilim/Akım/Kesit / Voltage/Current/Cross-section				
CE (EN 60947-7-1) UL / CSA		750 V ~ / 24 A / 2.5 mm <sup>2</sup>				
<b>Bağlantı Bilgileri / Connection Data</b>						
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection		0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>				
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule		22 - 12 / 0.5 - 2.5 mm <sup>2</sup>				
• Kablo soyma boyu / kablo sıkma torqu - Insulation Stripping Length / Torque		10 mm / ...				
Sipariş Bilgileri / Ordering Data		Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
Polyamide 66		YBK 2.5 CD	326 210 / 326 219	50		
BEJ - BEIGE / GRİ - GREY						
BEJ - BEIGE / GRİ - GREY						
BEJ - BEIGE / GRİ - GREY						
BEJ - BEIGE / GRİ - GREY						
SARI - YEŞİL / YELLOW - GREEN						
Elektriksel Özellikler / Electrical Ratings						
Diod Ters Gerilimi / Diode Reverse Voltage		1000 V				
Diod Akımı / Diode Current		1 A				
Diod / Diode		1 N 4007				
Montaj Rayları / Mounting Rails		Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
MR 35x7,5 MR 35x7,5 Delikli / Slotted		MR 35x7,5	500 601	1 m		
MR 35x15 MR 35x15 Delikli / Slotted		Delikli / Slotted	500 602	1 m		
		MR 35x7,5	500 603	2 m		
		Delikli / Slotted	500 604	2 m		
		MR 35x15	500 606	1 m		
		Delikli / Slotted	500 607	1 m		
Durdurucu / End Bracket		Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
Kalınlık / Thickness 8 mm		GRİ / GREY	KD 3	495 049	100	
		GRİ / GREY	KD 4	495 059	100	
			KD 7	495 219	50	
Nihayet Plakası / End Plate		Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
Kalınlık / Thickness 1,2 mm		Polyamide 66	BEJ / BEIGE	NPP YBK 2.5 C	446 270	10
			GRİ / GREY	NPP YBK 2.5 C	446 279	10
			YEŞİL / GREEN			
Grup Etiketli / Group Marking		Tip/Type	Sip.No./Cat.No.	Mik./Qty.		
		GRİ / GREY	GE	496 119	50	
(KD7 ile kullanılmaktadır / Used with KD7)		SEFFAF / TRANSPARENT	ME	496 13A	25	
		SEFFAF / TRANSPARENT	ME 3	496 300	50	
Klemens Etiketli / Marking Tags (Dekafix)						
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage dekafix.		DY 5 DB 10/5 DG 10/5				
Teknik Bilgiler / Technical Data						
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data		0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A				
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity		8 kV / 3				
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1		1 / A3				
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type		IP20 / -				

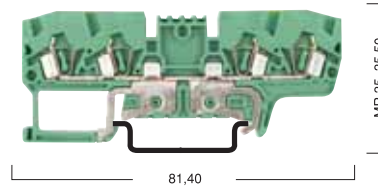
**YBK 2.5 CLD**

Kalınlık / Width 5 mm  
326 --9 GRİ / GREY



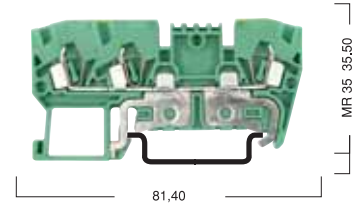
**YBK 2.5 CT**

Kalınlık / Width 5 mm  
336 100



**YBK 2.5 ET**

Kalınlık / Width 5 mm  
336 110



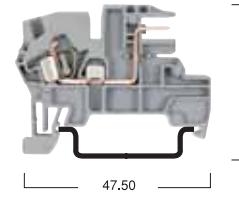
Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section						
- V ~ / 24 A / 2.5 mm <sup>2</sup> 600 V ~ / 20 A / AWG 22-12	- V ~ / - A / 2.5 mm <sup>2</sup>	- V ~ / - A / 2.5 mm <sup>2</sup>						
0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup> 22 - 12 / 0.5 - 2.5 mm <sup>2</sup> 10 mm / ....	0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup> 22 - 12 / 0.5 - 2.5 mm <sup>2</sup> 10 mm / ....	0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup> 22 - 12 / 0.5 - 2.5 mm <sup>2</sup> 10 mm / ....						
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
YBK 2.5 CLD	326 310 / 326 319 (24 VAC)	50						
YBK 2.5 CLD	326 410 / 326 419 (48 VAC)	50						
YBK 2.5 CLD	326 610 / 326 619 (110 VAC)	50						
YBK 2.5 CLD	326 710 / 326 719 (220 VAC)	50						
YBK 2.5 CLD	326 320 / 326 329 (24 VDC)	50						
YBK 2.5 CLD	326 420 / 326 429 (48 VDC)	50						
YBK 2.5 CLD	326 620 / 326 629 (110 VDC)	50						
YBK 2.5 CLD	326 720 / 326 729 (220 VDC)	50						
			YBK 2.5 CT	336 100	50	YBK 2.5 ET	336 110	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m	MR 35x7.5	500 601	1 m
Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m	Delikli / Slotted	500 602	1 m
MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m	MR 35x7.5	500 603	2 m
Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m	Delikli / Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m	Delikli / Slotted	500 607	1 m
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
NPP YBK 2.5 C	446 270	10						
NPP YBK 2.5 C	446 279	10						
			NPP YBK 2.5 CT	446 272	10	NPP YBK 2.5 E	446 212	10
Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DY 5 DB 10/5 DG 10/5			DY 5 DB 10/5 DG 10/5			DY 5 DB 10/5 DG 10/5		
0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 32 A			0.2 - 4 mm <sup>2</sup> / ... / ...			0.2 - 4 mm <sup>2</sup> / ... / ...		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / A3			1 / A3			1 / A3		
IP20 / -			IP20 / PE			IP20 / PE		

Elektronik kart çıkışlarından direkt bağlantı imkanı sağlayan PCY serisi klemensler 2.5 mm<sup>2</sup> yaylı tip olarak tasarlanmıştır. Ürünler bir giriş bir çıkış ve bir giriş iki çıkış olarak ikiye ayrılmaktadır. Her iki grubun da 24 VDC, 110 VAC ve 220 VAC LED'li modeli bulunmaktadır. Soket çıkışları 5.08 mm. pin aralığında tüm fiş klemenslerine bağlantı imkanı vermektedir. Kullanılmayan soket çıkışları el temasını önlemek için izolasyon tapalarıyla kapatılabilir. İzolasyon tapaları herhangi bir alet kullanmadan sökülüp takılabilir olarak dizayn edilmiştir. Pimler vasıtasıyla birbirine kenetlenip blok oluşturan bu ürünlerde YBK 2.5 ürününün patentli üst köprüsü kullanılabilir olup aksesuar anlamında stok avantajı da sağlanmıştır.

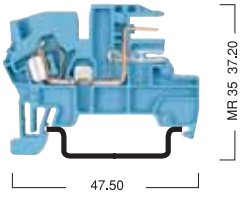
PCY terminals are designed for 2.5 mm<sup>2</sup> spring clamp connection to the printed circuit board via PCB terminals. The product range consists of one input one output and one input two output terminals. Both ranges have 24 VDC, 110 VAC and 220 VAC LED indicators on request. Socket outputs enable connection of all the available PCB plug terminals having a pitch of 5.08 mm. Unused socket outputs can be closed by insulation plugs to prevent finger touch. The insulation plugs can be put on and taken out easily without any hand tools. The terminals are fixed each other by the pins forming blocks and provide users to make cross connections with patented cross connection system of YBK 2.5 without keeping extra stock.

## PCY-Serisi Soket Bağlantılı Klemensler PCY Type Terminals for PCB Connection

**PCY 2.5**  
Kalınlık / Width 5,05 mm  
364 019 GRI/GREY



**PCY 2.5 N**  
Kalınlık / Width 5,05 mm  
364 080 MAVİ/BLUE



Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section	
CE (EN 60947-7-1)	250 V ~ / 10 A / 2,5 mm <sup>2</sup>	250 V ~ / 10 A / 2,5 mm <sup>2</sup>
UL / CSA	300 V ~ / 10 A / AWG 22-12	300 V ~ / 10 A / AWG 22-12
<b>Bağlantı Bilgileri / Connection Data</b>		
• Tekli İletken, Yay bağlantılı - Çoklu İletken, Yay bağlantılı Solid Strand, Spring Clamp Connection - Fine Strand, Spring Clamp Connection	0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>	0.5 - 4 mm <sup>2</sup> / 0.5 - 2.5 mm <sup>2</sup>
• AWG İletken / Yükseküklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	22 - 12 / 0.5 - 2.5 mm <sup>2</sup>	22 - 12 / 0.5 - 2.5 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	10 mm / ....	10 mm / ....
<b>Sipariş Bilgileri / Ordering Data</b>	Tip/Type	Sip.No./Cat. No. Mik./Qty.
Polyamide 66	PCY 2,5	364 010 100
BEJ / BEIGE		
BEJ / BEIGE		
BEJ / BEIGE		
MAVİ / BLUE	PCY 2,5 N	364 080 100
GRI / GREY	PCY 2,5	364 019 100
GRI / GREY		
GRI / GREY		

Montaj Rayları / Mounting Rails	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5	MR 35x7,5	500 601	1 m
MR 35x7,5 Delikli / Slotted	Delikli/Slotted	500 602	1 m
MR 35x15	MR 35x7,5	500 603	2 m
MR 35x15 Delikli / Slotted	Delikli/Slotted	500 604	2 m
	MR 35x15	500 606	1 m
	Delikli/Slotted	500 607	1 m
	MR 35x15	500 608	2 m
	Delikli/Slotted	500 609	2 m

Durdurucu / End Bracket	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 8 mm	KD 3	495 049	100
	KD 4	495 059	100
	KD 7	495 219	50

Nihayet Plakası / End Plate	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Kalınlık / Thickness 1,5 mm	NPP PCY	450 190	100
Polyamide 66	NPP PCY	450 191	100
	NPP PCY	450 199	100

İzole Kapağı / Insulation Plug	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Polyamide 6,6	PCY IT	423 090	50
	PCY IT	423 097	50
	PCY IT	423 099	50

Geçme Üst Köprü / Cross Connection	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	UK 2.5/2	476 222	25
	UK 2.5/3	476 223	20
	UK 2.5/4	476 224	15
	UK 2.5/10	476 229	5

Grup Etiketleri / Group Marking	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	GE	496 119	50
	ME	496 13A	25
	ME 3	496 300	50

PCY Tip Nötr Barası / PCY Type Neutral Bus Bar	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	PCY NB	525 400	25

Klemens Etiketleri / Marking Tags (Dekafix)	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5		

Teknik Bilgiler / Technical Data		
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 10 A	0.2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 10 A
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	4 kV / 3	4 kV / 3
• Yalıtım malzeme grubu / Beyan kablo master kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / A3	1 / A3
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -	IP20 / -

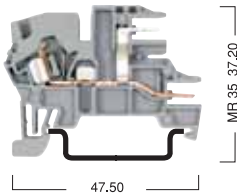
Not: Nötr klemensi ve nötr barası ile LED'li klemenslerin test amaçlı kullanımları sağlanmıştır.

Note: PCY NB is used with PCY 2.5 N and other PCY XL types to help indicating failed circuits.



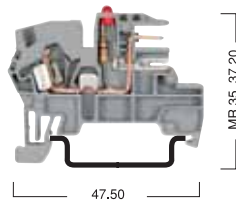
**PCY 2.5E**

Kalınlık / Width 5,05 mm  
364 059 GRI/GREY



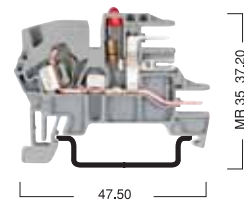
**PCY 2.5L**

Kalınlık / Width 5,05 mm  
--- --9 GRI/GREY



**PCY 2.5EL**

Kalınlık / Width 5,05 mm  
--- --9 GRI/GREY



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
250 V ~ / 10 A / 2,5 mm <sup>2</sup>			- V ~ / 10 A / 2,5 mm <sup>2</sup>			- V ~ / 10 A / 2,5 mm <sup>2</sup>		
300 V ~ / 10 A / AWG 22-12			- V ~ / 10 A / AWG 22-12			- V ~ / 10 A / AWG 22-12		
0,5 - 4 mm <sup>2</sup> / 0,5 - 2,5 mm <sup>2</sup>			0,5 - 4 mm <sup>2</sup> / 0,5 - 2,5 mm <sup>2</sup>			0,5 - 4 mm <sup>2</sup> / 0,5 - 2,5 mm <sup>2</sup>		
22 - 12 / 0,5 - 2,5 mm <sup>2</sup>			22 - 12 / 0,5 - 2,5 mm <sup>2</sup>			22 - 12 / 0,5 - 2,5 mm <sup>2</sup>		
10 mm / ....			10 mm / ....			10 mm / ....		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PCY 2,5 E	364 050	100	PCY 2,5 L	364 020 (24 VDC)	50	PCY 2,5 EL	364 060 (24 VDC)	50
			PCY 2,5 L	364 030 (110 VDC)	50	PCY 2,5 EL	364 070 (110 VDC)	50
			PCY 2,5 L	364 040 (220 VDC)	50	PCY 2,5 EL	364 080 (220 VDC)	50
PCY 2,5 E	364 059	100	PCY 2,5 L	364 029 (24 VDC)	50	PCY 2,5 EL	364 069 (24 VDC)	50
			PCY 2,5 L	364 039 (110 VDC)	50	PCY 2,5 EL	364 079 (110 VDC)	50
			PCY 2,5 L	364 049 (220 VDC)	50	PCY 2,5 EL	364 089 (220 VDC)	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m	MR 35x7,5	500 601	1 m
Delikli/Slotted	500 602	1 m	Delikli/Slotted	500 602	1 m	Delikli/Slotted	500 602	1 m
MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m	MR 35x7,5	500 603	2 m
Delikli/Slotted	500 604	2 m	Delikli/Slotted	500 604	2 m	Delikli/Slotted	500 604	2 m
MR 35x15	500 606	1 m	MR 35x15	500 606	1 m	MR 35x15	500 606	1 m
Delikli/Slotted	500 607	1 m	Delikli/Slotted	500 607	1 m	Delikli/Slotted	500 607	1 m
MR 35x15	500 608	2 m	MR 35x15	500 608	2 m	MR 35x15	500 608	2 m
Delikli/Slotted	500 609	2 m	Delikli/Slotted	500 609	2 m	Delikli/Slotted	500 609	2 m
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
KD 3	495 049	100	KD 3	495 049	100	KD 3	495 049	100
KD 4	495 059	100	KD 4	495 059	100	KD 4	495 059	100
KD 7	495 219	50	KD 7	495 219	50	KD 7	495 219	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
NPP PCY	450 190	100	NPP PCY	450 190	100	NPP PCY	450 190	100
NPP PCY	450 191	100	NPP PCY	450 191	100	NPP PCY	450 191	100
NPP PCY	450 199	100	NPP PCY	450 199	100	NPP PCY	450 199	100
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
PCY IT	423 090	50	PCY IT	423 090	50	PCY IT	423 090	50
PCY IT	423 097	50	PCY IT	423 097	50	PCY IT	423 097	50
PCY IT	423 099	50	PCY IT	423 099	50	PCY IT	423 099	50
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
UK 2.5/2	476 222	25	UK 2.5/2	476 222	25	UK 2.5/2	476 222	25
UK 2.5/3	476 223	20	UK 2.5/3	476 223	20	UK 2.5/3	476 223	20
UK 2.5/4	476 224	15	UK 2.5/4	476 224	15	UK 2.5/4	476 224	15
UK 2.5/10	476 229	5	UK 2.5/10	476 229	5	UK 2.5/10	476 229	5
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
GE	496 119	50	GE	496 119	50	GE	496 119	50
ME	496 13A	25	ME	496 13A	25	ME	496 13A	25
ME 3	496 300	50	ME 3	496 300	50	ME 3	496 300	50
DY 5			DY 5			DY 5		
0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 10 A			0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 10 A			0,2 - 4 mm <sup>2</sup> / 4 mm <sup>2</sup> / 10 A		
4 kV / 3			4 kV / 3			4 kV / 3		
1 / A3			1 / A3			1 / A3		
IP20 /			IP20 /			IP20 /		


**Trafo Klemensleri**  
Transformer Terminal Blocks

**TRV 4**  
Kalınlık / Width 7,5 mm  
422 017 TURUNCU / ORANGE

**TRV 4B**  
Kalınlık / Width 7,5 mm  
422 057 TURUNCU / ORANGE

**TRV 4 M**  
Kalınlık / Width 15 mm  
422 047 TURUNCU / ORANGE



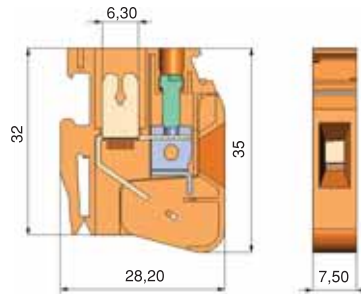
Anma Değerleri / Electrical Ratings	Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section	Gerilim/Akım/Kesit / Voltage/Current/Cross-section
CE (EN 60998-1 / 61558-1) UL / CSA	750 V ~ / 25 A / 4 mm <sup>2</sup> 600 V ~ / 20 A / AWG 26-10	750 V ~ / 25 A / 4 mm <sup>2</sup> 600 V ~ / 20 A / AWG 26-10	750 V ~ / 25 A / 4 mm <sup>2</sup> 600 V ~ / 20 A / AWG 26-10
<b>Bağlantı Bilgileri / Connection Data</b>			
• Tekli İletken, Vida bağlantılı - Çoklu İletken, Vida bağlantılı Solid Strand, Screw Connection - Fine Strand, Screw Connection	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>	0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>
• AWG İletken / Yüksüklü Çoklu İletken - AWG Conductor / Fine Strand with Ferrule	26 - 10 / 0.5 - 4 mm <sup>2</sup>	26 - 10 / 0.5 - 4 mm <sup>2</sup>	26 - 10 / 0.5 - 4 mm <sup>2</sup>
• Kablo soyma boyu / kablo sıkma torku - Insulation Stripping Length / Torque	10 mm / 0.5 Nm	10 mm / 0.5 Nm	10 mm / 0.5 Nm
<b>Sipariş Bilgileri / Ordering Data</b>	Tip/Type Sip.No./Cat. No. Mik./Qty.	Tip/Type Sip.No./Cat. No. Mik./Qty.	Tip/Type Sip.No./Cat. No. Mik./Qty.
Polyamide 66 TURUNCU/ORANGE	TRV 4 422 017 50	TRV 4 B 422 057 50	TRV 4 M 422 047 50
GRİ / GREY	TRV 4 422 019 50	TRV 4 B 422 059 50	TRV 4 M 422 049 50
BEJ / BEIGE	TRV 4 422 010 50	TRV 4 B 422 050 50	TRV 4 M 422 040 50
SARI-YEŞİL / YELLOW-GREEN			
<b>Faston Kablo Pabuçları / Insulated Terminals</b>	Tip/Type Sip.No./Cat. No. Mik./Qty.		
İZOLELİ - Dişi / FEMALE - DISCONNECT	KFD - 1288 593 010 200		
İZOLELİ - Dişi / FEMALE - DISCONNECT	KFD - 2638 593 021 100		
İZOLELİ - Dişi / FEMALE - DISCONNECT	KFD - 5638 593 030 100		
Sayfa 112'ye bakınız / See page 112			
<b>Sigorta Buşonu / Fuse Cartridges</b>			
 5 x 20 mm.			
1 ..... 10 A			
<b>Klemens Etiketleri / Marking Tags (Dekafix)</b>			
Dekafix kullanımı için 104. sayfaya bakınız. See page 104. for the usage of dekafix.	DY 5 DG 7/5	DG 7/5	DG 7/5
<b>Teknik Bilgiler / Technical Data</b>			
• Bağlanabilen max iletken kesit aralığı / Max. kesite karşılık gelen akım değeri Max. clamping range / Max. technical data	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 32 A	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 32 A	0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 32 A
• Beyan darbe gerilim / Kirillik derecesi - Rated Impulse Voltage/Pollution severity	8 kV / 3	8 kV / 3	8 kV / 3
• Yalıtım malzeme grubu / Beyan kablo mastar kodu - Insulation material group / Gauge pin code according to IEC 60947-1	1 / B4	1 / B4	1 / B4
• Koruma sınıfı / Koruma iletken tipi - Protection class / Protection conductor type	IP20 / -	IP20 / -	IP20 / -

Tornavida kullanımı için sayfa 115'e bakınız / See page 115 for usage of screwdriver

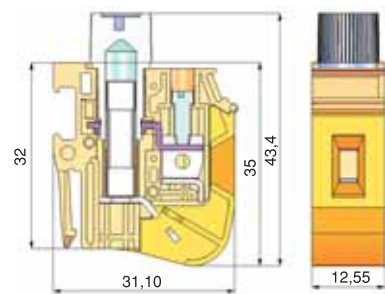
Klemsan'ın AG trafoların elektriksel bağlantılarını yapmayı sağlayan yeni nesil klemensleridir. TRV 4 ürünü faston pabuç bağlantısı yapma imkanı sağlarken TRV 4M ürünü ikili bağlantı olanağı vermektedir. 10 mm<sup>2</sup> kablo bağlantısı yapılabilen ikili ürün ve 4 mm<sup>2</sup> sigortalı ürünler geniş bir kullanım yelpazesi sunmaktadır.

TRV series enables users to make electrical connections to LV transformers. While TRV 4 provides the connection with fast-on type terminals, TRV 4M realizes double terminal connection possible. Other members of this series give the opportunity of setting double connection to cables with 10 mm<sup>2</sup> cross section and fuse usage.

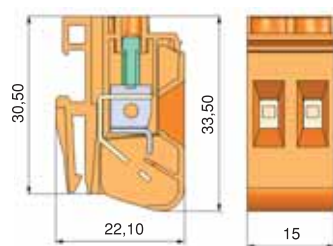
**TRV 4**



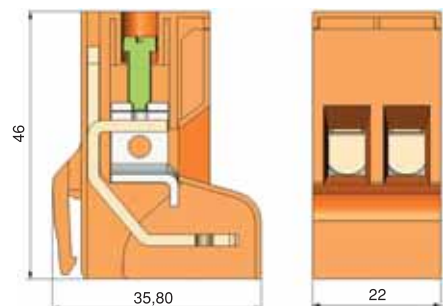
**TRV 4 S**



**TRV 4 M**



**TRV 10**



**TRV 4 S**

Kalınlık / Width 12,5 mm  
422 027 TURUNCU / ORANGE



**TRV 4 T**

Kalınlık / Width 12 mm  
422 060 SARI-YEŞİL / YELLOW-GREEN

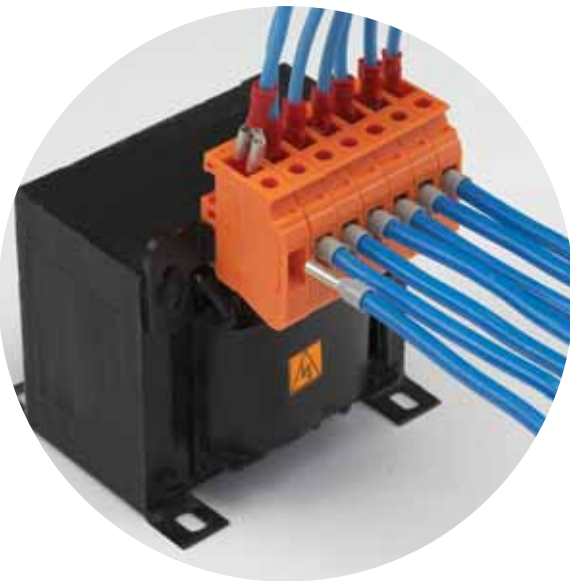


**TRV 10**

Kalınlık / Width 22 mm  
422 037 TURUNCU / ORANGE



Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section			Gerilim/Akım/Kesit / Voltage/Current/Cross-section		
500 V ~ / 10 A / 4 mm <sup>2</sup>			~ V / ~ A / 4 mm <sup>2</sup>			750 V ~ / 63 A / 10 mm <sup>2</sup>		
300 V ~ / 10 A / AWG 26-10			~ V / ~ A / AWG 26-10			600 V ~ / 55 A / AWG 16-6		
0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			0.5 - 6 mm <sup>2</sup> / 0.5 - 6 mm <sup>2</sup>			1.5 - 25 mm <sup>2</sup> / 1.5 - 16 mm <sup>2</sup>		
26 - 10 / 0.5 - 4 mm <sup>2</sup>			26 - 10 / 0.5 - 4 mm <sup>2</sup>			16 - 6 / 1.5 - 16 mm <sup>2</sup>		
10 mm / 0.5 Nm			10 mm / 0.5 Nm			12 mm / 1.2 Nm		
Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
TRV 4 S	422 027	50				TRV 10	422 037	25
TRV 4 S	422 029	50				TRV 10	422 039	25
TRV 4 S	422 020	50				TRV 10	422 030	25
			TRV 4 T	422 027	50			
			Trafo topraklama klemensi, M5 civata ile ya da 2x10 mm montaj rayı ile monte edilebilir.					
			<i>Transformer earthing terminal blocks are suitable for mounting onto M5 stamping screws or 2x10 mm mounting rails.</i>					
Tip/Type	Sip.No./Cat. No.	Mik./Qty.						
MSB	359 001	10						
DY 5 DG 7/5			DG 7/5			DG 7/5		
0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 32 A			0.2 - 6 mm <sup>2</sup> / 6 mm <sup>2</sup> / 32 A			1.5 - 25 mm <sup>2</sup> / 16 mm <sup>2</sup> / 63 A		
8 kV / 3			8 kV / 3			8 kV / 3		
1 / B4			1 / B4			1 / B6		
IP20 / -			IP20 / PE			IP20 / -		

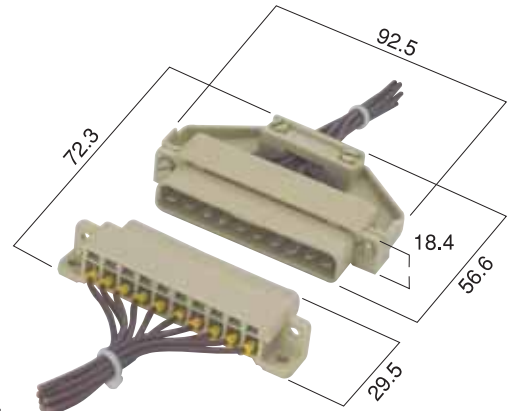


## Çekmeceli Klemens Plug & Socket Terminals

Çekmeceli klemensler makina ekipman, pano ve diğer modüler sistemlerin elektrik bağlantılarında kullanılır.

Plug and socket terminals are used to make electric connections of machines, equipments and other disconnectable systems such as panel boards.

### CKP 2/10 410 110



Sıkma Torku / Torque : 0.4 Nm

CE

Anma Değerleri / Electrical Ratings	Gerilim / Akım / Kesit / Voltage/Current/Cross-section		
(EN 60998-1)	380 V ~ / 24 A / 4 mm <sup>2</sup>		
Kablo Soyma Boyu / Insulation Stripping Length	9 mm		
Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Polyamide 66	ÇKP 2/10 Komple / Complete	410 110	10
	Fiş / Seperate Plug	410 120	10
	Soket / Seperate Socket	410 130	10

## Cihaz Sıra Klemensleri Terminal Strips

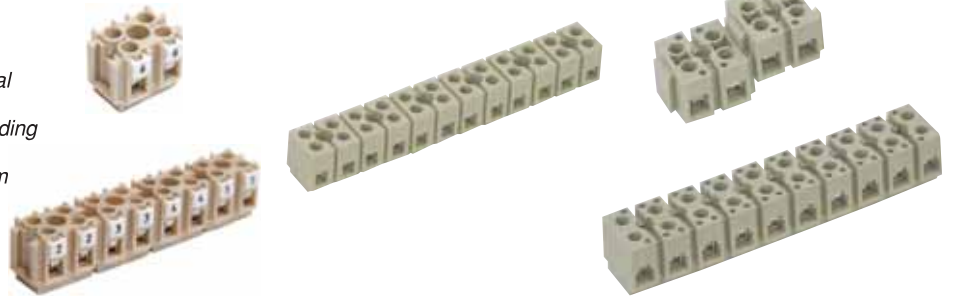
Yandaki ürün yeni PSK 1/2 klemensidir.  
- Söz konusu klemensde kodlama yapılabilmesi için DB 5 ve DG 6/5 dekafigürlere uygun etiket yuvaları tasarlanmıştır.  
- Maksimum 3 mm'lik vida ile montajı yapılmalıdır

- The product in the figure is the new psk 1/2 terminal strip.  
- For allowing marking, label slots are designed according to DB 5 and DG 6/5 marking tags  
- Assembly of the terminal should be made with maxim 3 mm diameter screw

### PSK 1/2

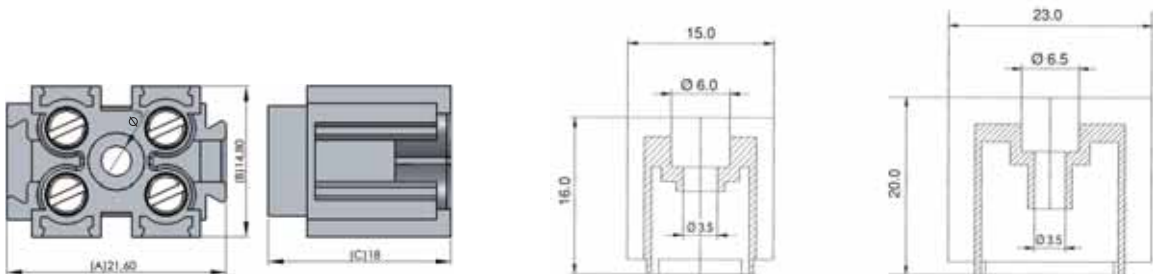
### PSK 1

### PSK 2



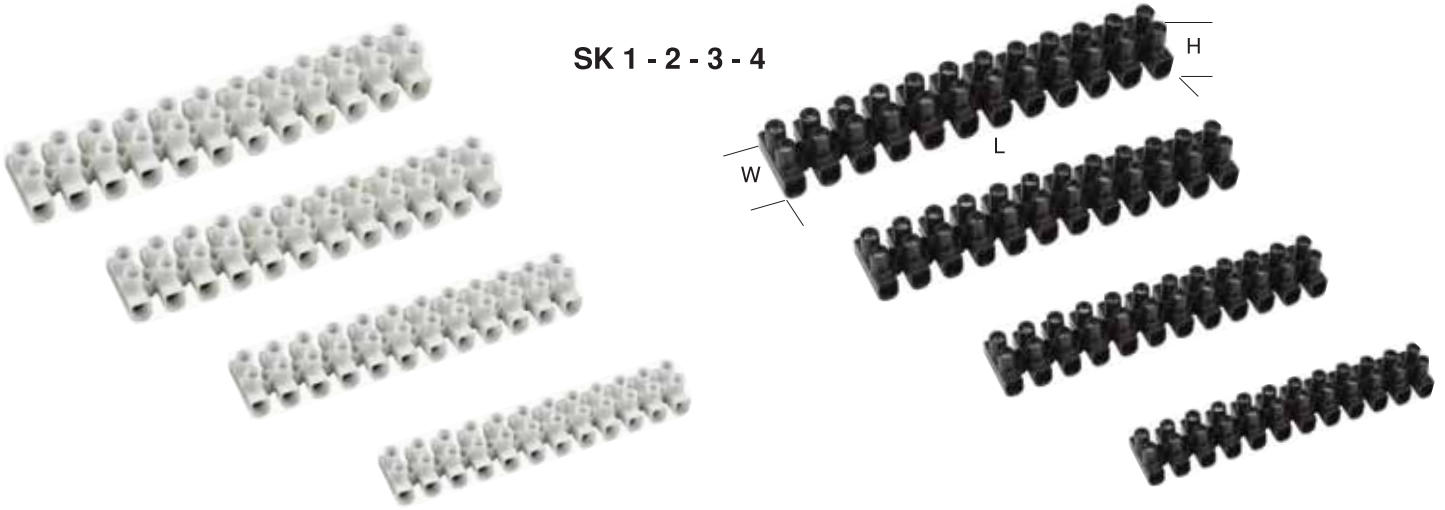
TSE CE

Anma Değerleri / Electrical Ratings	Gerilim / Akım / Kesit / Voltage/Current/Cross-section			Gerilim / Akım / Kesit / Voltage/Current/Cross-section		
TSE (EN 60998-2-1) (IEC 60998-1, IEC 60998-2-1)	380 V ~ / 24 A / 2,5 mm <sup>2</sup>			660 V ~ / 41 A / 6 mm <sup>2</sup>		
Kablo Soyma Boyu / Insulation Stripping Length	5 mm			9 mm		
Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Geçmeli Tip / Can be joined end to end	PSK 1/2 (2'li)	420 020	100	PSK 2/2 (2'li)	421 020	100
	PSK 1/12 (12'li)	420 120	75	PSK 2/10 (10'lu)	421 100	20



## Sıra Klemensler

### Terminal Strips



Anma Değerleri / Electrical Ratings	Gerilim / Kesit / Voltage/Cross-section											
IEC 60998-1, IEC 60998-2-1 (VDE)	450 V / 32 A / 2,5 mm <sup>2</sup>	450 V / 41 A / 4 mm <sup>2</sup>	450 V / 57 A / 6 mm <sup>2</sup>	450 V / 76 A / 10 mm <sup>2</sup>								
UL / UL	300 V / 20 A / AWG 22 - 12	300 V / 30 A / AWG 22 - 10	300 V / 50 A / AWG 14 - 8	300 V / 55 A / AWG 10 - 6								
Sıkma Torku / Torque	0,4 Nm	0,5 Nm	0,8 Nm	1,2 Nm								
Bağlantı Bilgileri / Connection Data												
Tekli İletken, Vida Bağlantılı / Solid Strand, Screw Connection	0,75 - 2,5 mm <sup>2</sup>	0,75 - 4 mm <sup>2</sup>	0,75 - 6 mm <sup>2</sup>	0,75 - 10 mm <sup>2</sup>								
Çoklu İletken, Vida Bağlantılı / Fine Strand, Screw Connection	1,5 - 1,5 mm <sup>2</sup>	1,5 - 2,5 mm <sup>2</sup>	1,5 - 4 mm <sup>2</sup>	1,5 - 6 mm <sup>2</sup>								
Kablo Soyma Boyu / Insulation Stripping Length	7 mm	8 mm	10 mm	10 mm								
AWG İletken / AWG Conductor	22...12	22...10	14...8	10...6								
Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
Siyah (Vida Blokajı, Pasivasyonlu) Black (With Screw Blockage, Passivated)	SK 1	430 002	50	SK 2	430 012	50	SK 3	430 022	50	SK 4	430 032	50
Ebatlar Dimensions	L: 95	W: 16	H: 12,8	L: 116	W: 19	H: 15	L: 135	W: 22,5	H: 17,65	L: 176	W: 25,3	H: 20,5
Naturel (Vida Blokajı, Nikel Kaplı) White (With Screw Blockage, Ni Coated)	SK 1	431 002	50	SK 2	431 012	50	SK 3	431 022	50	SK 4	431 032	50

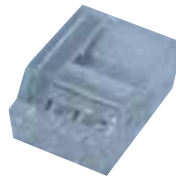
## Buat Klemensleri

### Junction Box Terminals

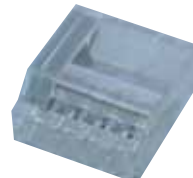
- 1,5 - 2,5 mm<sup>2</sup> tek damarlı kabloya uygun
- Yay baskılı bağlantı sistemi
- Tek noktadan test imkanı
- Sola döndürerek demontaj

- Suitable for 1,5 - 2,5 mm<sup>2</sup> solid strand cables
- Cage clamp connection
- One-point test
- Disassembling by turning the cable left

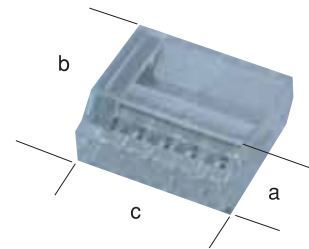
BUK 2.5/3



BUK 2.5/4

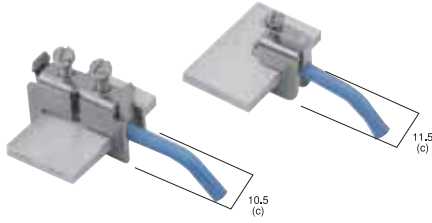


BUK 2.5/5



Anma Değerleri / Electrical Ratings	Gerilim / Akım / Kesit / Voltage / Current / Cross-section								
IEC 60998-1, IEC 60998-2-1 (VDE)	450 V / 24 A / 2,5 mm <sup>2</sup>	450 V / 24 A / 2,5 mm <sup>2</sup>	450 V / 24 A / 2,5 mm <sup>2</sup>						
Boyutlar / Dimensions (a,b,c)	9,4 - 19,4 - 13,8	9,4 - 19,4 - 17,6	9,4 - 19,4 - 21,1						
Bağlantı Bilgileri / Connection Data									
Tekli İletken / Solid Strand	1,0 - 2,5 mm <sup>2</sup>	1,0 - 2,5 mm <sup>2</sup>	1,0 - 2,5 mm <sup>2</sup>						
Kablo Soyma Boyu / Insulation Stripping Length	7 mm	7 mm	7 mm						
AWG İletken / AWG Conductor	22...12	22...12	22...12						
Sipariş Bilgileri / Ordering Data	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.	Tip/Type	Sip.No./Cat.No.	Mik./Qty.
	BUK 2,5 / 3	425 235	100	BUK 2,5 / 4	425 245	100	BUK 2,5 / 5	425 255	100

**Bara Klemensleri ve Aksesuarları**  
Clamping Yokes and Accessories



**BIK 1**  
400 110

**BIK 2**  
400 120

**BIK 3**  
400 130

**BIK 4**  
400 140

**BIK 5**  
400 150



Sıkma Torku / Torque: 1,5 Nm    Sıkma Torku / Torque: 1,5 Nm    Sıkma Torku / Torque: 1,5 Nm    Sıkma Torku / Torque: 1,5 Nm    Sıkma Torku / Torque: 1,5 Nm

Anma Değerleri / Electrical Ratings	BIK 1		BIK 2		BIK 3		BIK 4		BIK 5			
Kesit / Cross-section	1,5 - 6 mm <sup>2</sup>		6 - 35 mm <sup>2</sup>		6 - 35 mm <sup>2</sup>		6 - 35 mm <sup>2</sup>		6 - 35 mm <sup>2</sup>			
Kullanılan Bara Ebatları / Busbars Used	25 x 3 mm		30 x 5 mm		40 x 5 mm		40 x 10 mm		30 x 10 mm			
Ölçüler / Dimensions (a, b, c) mm	21,8	39,7	10,5	25,7	44,0	13,0	26,5	54,0	13,0	28,5	44,0	13,0
<b>Sipariş Bilgileri / Ordering Data</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>		
	400 110	100	400 120	100	400 130	100	400 140	75	400 150	100		
<b>Bağlantı Bilgileri / Connection Data</b>												
Kablo Soyma Boyu / Insulation Stripping Length	19 mm		21 mm		26 mm		26 mm		21 mm			
AWG İletken / AWG Conductor	14...8		8...1		8...1		8...1		8...1			

BIK ve SBK serisi klemensler çeşitli bara ölçülerine uygun olarak imal edilmişlerdir. Bu klemensler sayesinde dağıtım baralarına delik delmeden pratik bir şekilde enerji almak mümkündür. SBK serisinin BIK serisine göre avantajı dağıtım barası monte edildikten sonra istenildiği zaman bara üzerine klemens takılarak kablo bağlantısı yapılabilmesidir.

BIK and SBK type terminals are produced suitable for various busbar sizes. It is possible to transfer energy practically without drilling the busbars. SBK type is more advantageous than BIK type in sense of cable connection ability by connecting terminal on busbar optionally.

**SBK 16/5**  
401 170

**SBK 16/10**  
401 171

**SBK 35/5**  
401 180

**SBK 35/10**  
401 181

**SBK 50/5**  
401 501

**SBK 50/10**  
401 502



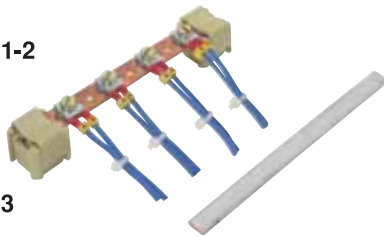
IEC 60999-1 IEC 60439-1

Sıkma Torku / Torque: 4 Nm    Sıkma Torku / Torque: 4 Nm    Sıkma Torku / Torque: 6 Nm    Sıkma Torku / Torque: 6 Nm    Sıkma Torku / Torque: 8 Nm    Sıkma Torku / Torque: 8 Nm

Anma Değerleri / Electrical Ratings	SBK 16/5		SBK 16/10		SBK 35/5		SBK 35/10		SBK 50/5		SBK 50/10	
Kesit / Cross-section	1,5 - 16 mm <sup>2</sup>		1,5 - 16 mm <sup>2</sup>		16 - 35 mm <sup>2</sup>		16 - 35 mm <sup>2</sup>		25 - 50 mm <sup>2</sup>		25 - 50 mm <sup>2</sup>	
Kullanılan Bara Ebatları / Busbars Used	... x 5 mm		... x 10 mm		... x 5 mm		... x 10 mm		... x 5 mm		... x 10 mm	
Ölçüler / Dimensions (a, b, c) mm	25,0	21,5	11,7	29,3	21,5	11,7	31,0	29,0	16,3	36,0	29,0	16,3
<b>Sipariş Bilgileri / Ordering Data</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>	<b>Sip.No./Cat.No.</b>	<b>Mik./Qty.</b>
	401 170	100	401 171	100	401 180	25	401 181	25	401 501	25	401 502	25
<b>Bağlantı Bilgileri / Connection Data</b>												
Kablo Soyma Boyu / Insulation Stripping Length	22 mm		22 mm		30 mm		30 mm		36 mm		36 mm	
AWG İletken / AWG Conductor	14...6		14...6		10...2		10...2		6...1/0		6...1/0	

**Kumanda Baraları / Busbars**

**KUB 1-2**



**KUB 3**

Tekli Vida Bağlantısı / Single strand screw connection  
0,5 ..... 2,5 mm<sup>2</sup>  
Kablo Soyma Boyu / Insulation stripping length : 9 mm

Tip Type	Sip.No. Cat. No.	Akım Current	Materyal Material	Ölçüler(mm) Dimen. (mm)	Mik. Qty.
KUB 1	525 100	80 A	E-Cu	15 x 2	1 m
KUB 1/2	525 101	80 A	E-Cu	15 x 2	50 cm
KUB 2	525 200	140 A	E-Cu	15 x 3	1 m
KUB 2/2	525 201	140 A	E-Cu	15 x 3	50 cm
KUB 3	525 300	80 A	E-Cu	10 x 3	1 m
KUB 3	525 350	80 A	Kalay Kaplı E-Cu / Tin plated E-Cu	10 x 3	1 m

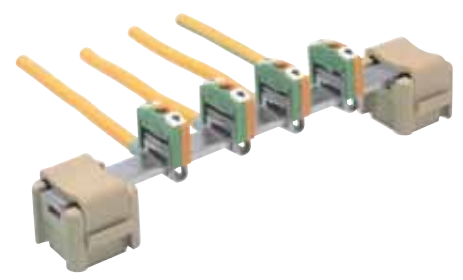
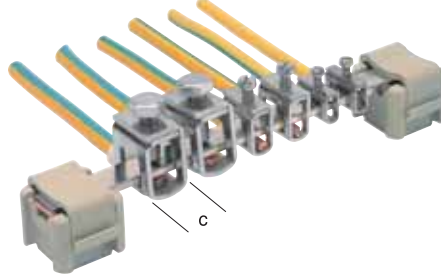
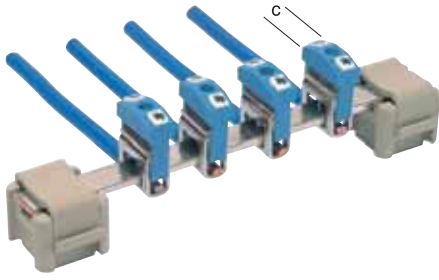
**Bara Mesnedi / Busbar Support Block**



Tip Type	Sip.No. Cat. No.	Bara Ölçüsü	Materyal Material	Mik. Qty.
BM	528 110	15 x 2	PA 6.6	50
		15 x 3		
		12 x 2		
		10 x 3		
		6 x 6		

## Bara Klemensleri ve Aksesuarları

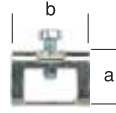
### Clamping Yokes and Accessories



10 x 3 baralarla beraber kullanılmak üzere dizayn edilen bara klemensleri 50 mm<sup>2</sup> kesite kadar bağlantıya izin vermektedir.

The clamping yokes can be slid onto the 10 x 3 busbar up to 50 mm<sup>2</sup> and the entire wiring matched to the installation.

**BK 4**  
525 361



Sıkma Torku / Torque: 0.5 Nm

**BK 10**  
525 362



Sıkma Torku / Torque: 1.2 Nm

**BK 35**  
525 363



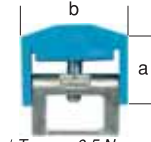
Sıkma Torku / Torque: 2.8 Nm

Anma Değerleri / Electrical Ratings									
Kesit / Cross-section	4 mm <sup>2</sup>			10 mm <sup>2</sup>			35 mm <sup>2</sup>		
Kablo Soyma Boyu / Insulation Stripping Length	16 mm			19 mm			19 mm		
Vida Türü / Fixing Screw	M 3			M 4			M 6		
Bara Ölçüsü / Busbar Dimensions	10 x 3			10 x 3			10 x 3		
Ölçüler / Dimensions (a,b,c)	11,3 - 15,6 - 5,5			17,2 - 15,6 - 8,7			23,3 - 18,2 - 14,4		
Bağlantı Bilgileri / Connection Data									
Tekli İletken / Solid Strand	0,5...6 mm <sup>2</sup>			1,5...10 mm <sup>2</sup>			16...50 mm <sup>2</sup>		
Çoklu İletken / Fine Strand	0,5...4 mm <sup>2</sup>			2,5...10 mm <sup>2</sup>			16...35 mm <sup>2</sup>		
AWG İletken / AWG Conductor	20...10			14...6			4...1		
Sipariş Bilgileri / Ordering Data									
	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	BK 4	525 361	200	BK 10	525 362	100	BK 35	525 363	50

IBK serisi bara klemensleri nötr bağlantıları için mavi izolasyon başlığı taşımaktadır. Bu seri DB5 dekafix kullanıma uygundur.

IBK type clamping yokes are designed with blue insulation caps in order to indicate connection to the N-Lead. They can be used with DB 5 marking tag.

**IBK 4**  
525 371



Sıkma Torku / Torque: 0.5 Nm

**IBK 10**  
525 372



Sıkma Torku / Torque: 1.2 Nm

**IBK 35**  
525 373



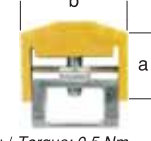
Sıkma Torku / Torque: 2.8 Nm

Anma Değerleri / Electrical Ratings									
Kesit / Cross-section	4 mm <sup>2</sup>			10 mm <sup>2</sup>			35 mm <sup>2</sup>		
Kablo Soyma Boyu / Insulation Stripping Length	16 mm			19 mm			19 mm		
Vida Türü / Fixing Screw	M 3			M 4			M 6		
Bara Ölçüsü / Busbar Dimensions	10 x 3			10 x 3			10 x 3		
İzolasyon Başlığı / Isolation Cap	Mavi / Blue			Mavi / Blue			Mavi / Blue		
Ölçüler / Dimensions (a,b,c)	14,1 - 18,8 - 6,4			19,9 - 18,8 - 8,5			8,8 - 31,7 - 14,1		
Bağlantı Bilgileri / Connection Data									
Tekli İletken / Solid Strand	0,5...6 mm <sup>2</sup>			1,5...10 mm <sup>2</sup>			16...50 mm <sup>2</sup>		
Çoklu İletken / Fine Strand	0,5...4 mm <sup>2</sup>			2,5...10 mm <sup>2</sup>			16...35 mm <sup>2</sup>		
AWG İletken / AWG Conductor	20...10			14...6			4...1		
Sipariş Bilgileri / Ordering Data									
	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	IBK 4	525 371	100	IBK 10	525 372	100	IBK 35	525 373	50

IBK serisi bara klemensleri toprak bağlantıları için sarı-yeşil izolasyon başlığı taşımaktadır. Bu seri DB 5 dekafix kullanımına uygundur.

IBK type clamping yokes are designed with yellow-green insulation caps to emphasise the protection function. They can be used with DB 5 marking tag.

**IBK 4**  
525 381



Sıkma Torku / Torque: 0.5 Nm

**IBK 10**  
525 382



Sıkma Torku / Torque: 1.2 Nm

**IBK 35**  
525 383



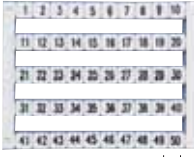
Sıkma Torku / Torque: 2.8 Nm

Anma Değerleri / Electrical Ratings									
Kesit / Cross-section	4 mm <sup>2</sup>			10 mm <sup>2</sup>			35 mm <sup>2</sup>		
Kablo Soyma boyu / Insulation Stripping Length	16 mm			19 mm			19 mm		
Vida Türü / Fixing Screw	M 3			M 4			M 6		
Bara Ölçüsü / Busbar Dimensions	10 x 3			10 x 3			10 x 3		
İzolasyon Başlığı / Isolation Cap	Sarı - Yeşil / Yellow - Green			Sarı - Yeşil / Yellow - Green			Sarı - Yeşil / Yellow - Green		
Ölçüler / Dimensions (a,b,c)	14,1 - 18,8 - 6,4			19,9 - 18,8 - 8,5			8,8 - 31,7 - 14,1		
Bağlantı Bilgileri / Connection Data									
Tekli İletken / Solid Strand	0,5...6 mm <sup>2</sup>			1,5...10 mm <sup>2</sup>			16...50 mm <sup>2</sup>		
Çoklu İletken / Fine Strand	0,5...4 mm <sup>2</sup>			2,5...10 mm <sup>2</sup>			16...35 mm <sup>2</sup>		
AWG İletken / AWG Conductor	20...10			14...6			4...1		
Sipariş Bilgileri / Ordering Data									
	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.	Tip/Type	Sip.No./Cat. No.	Mik./Qty.
	IBK 4	525 381	100	IBK 10	525 382	100	IBK 35	525 383	50

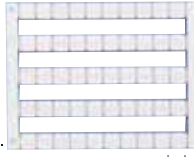
**Ray Klemens Aksesuarları**  
Feed-through Terminal Accessories

**Dekafix (Klemens Etiketli) / Marking Tags**

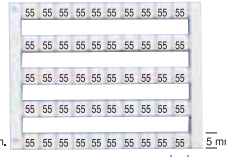
DY5 Tip / DY5 type



DB5 Tip / DB5 type



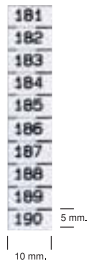
DYO 5 Tip / DYO 5 type



DB 10/5 Tip / type



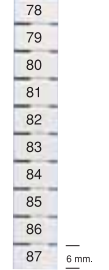
DO 10/5 Tip / type



DB 10/6 Tip / type



DO 10/6 Tip / type



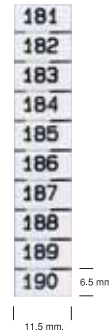
DY 10/6,5 Tip / type



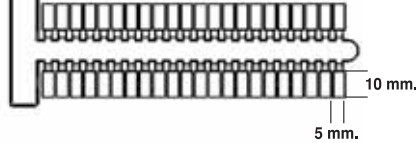
DB 10/6,5 Tip / type



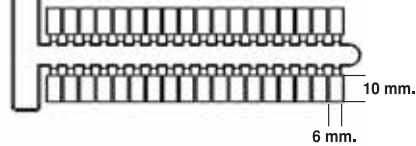
DO 10/6,5 Tip / type



DG 10/5 T Tip / type

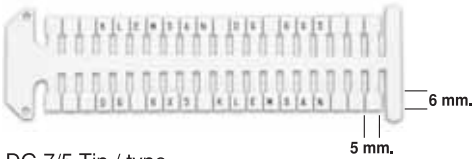


DG 10/6 T Tip / type

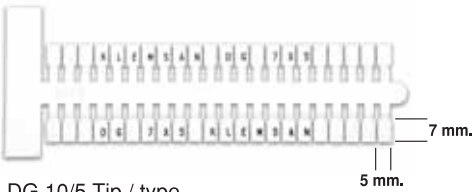


T SERİSİ DEKAFİXLER

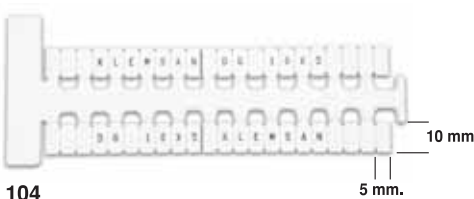
DG 6/5 Tip / type



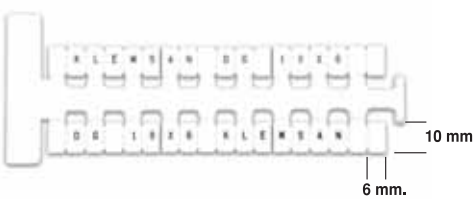
DG 7/5 Tip / type



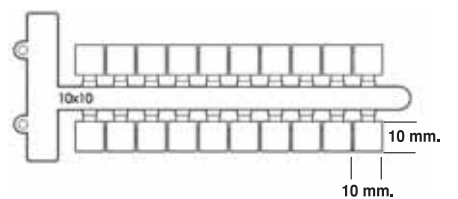
DG 10/5 Tip / type



DG 10/6 Tip / type



DG 10/10 Tip / type



Tip/Type	Açıklama / Description	Sip.No./Cat. No.	Stk./Qty.
DY 5	Standart baskılı / Standart print	505 - - -	500
DYO 5	Özel baskılı / Special print	505 650	500
DB 5	Baskısız / Without print	505 850	500
DO 10/5	Özel baskılı / Special print	505 710	500
DB 10/5	Baskısız / Without print	505 910	500
DO 10/6	Özel baskılı / Special print	505 715	500
DB 10/6	Baskısız / Without print	505 915	500
DY 10/6,5	Standart baskılı / Standart print	505 - - -	500
DO 10/6,5	Özel baskılı / Special print	505 720	500
DB 10/6,5	Baskısız / Without print	505 920	500
DG 6/5	Baskısız / Without print	505 330	400
DG 10/5	Baskısız / Without print	505 310	440
DG 10/6	Baskısız / Without print	505 320	360
DG 7/5	Baskısız / Without print	505 340	440
DG 10/5 T	Baskısız / Without print	505 380	440
DG 10/6 T	Baskısız / Without print	505 390	360
DG 10/8	Baskısız / Without print	505 410	260
DG 10/10	Baskısız / Without print	505 430	200
DO 10/10	Özel baskılı / Special print	505 440	200
KOIP SM W	Baskısız / Without print	508 511	240

Tip/Type	Açıklama / Description	Sip.No./Cat. No.	Tip/Type	Açıklama / Description	Sip.No./Cat. No.
DY 5	0	505 000	DY 5	H	505 067
DY 5	1	505 001	DY 5	I	505 068
DY 5	2	505 002	DY 5	J	505 069
DY 5	3	505 003	DY 5	K	505 070
DY 5	4	505 004	DY 5	L	505 071
DY 5	5	505 005	DY 5	M	505 072
DY 5	6	505 006	DY 5	N	505 073
DY 5	7	505 007	DY 5	O	505 074
DY 5	8	505 008	DY 5	P	505 075
DY 5	9	505 009	DY 5	Q	505 076
DY 5	10	505 010	DY 5	R	505 077
DY 5	1-10	505 020	DY 5	S	505 078
DY 5	11-20	505 021	DY 5	T	505 079
DY 5	21-30	505 022	DY 5	U	505 080
DY 5	31-40	505 023	DY 5	V	505 081
DY 5	41-50	505 024	DY 5	W	505 082
DY 5	10,20...90,100	505 030	DY 5	X	505 083
DY 5	1-50	505 040	DY 5	Y	505 084
DY 5	51-100	505 041	DY 5	Z	505 085
DY 5	101-150	505 042	DY 5	L1	505 090
DY 5	151-200	505 043	DY 5	L2	505 091
DY 5	201-250	505 044	DY 5	L3	505 092
DY 5	251-300	505 045	DY 5	RSTN+□	505 093
DY 5	301-350	505 046	DY 5	Mp	505 094
DY 5	351-400	505 047	DY 5	+	505 095
DY 5	401-450	505 048	DY 5	-	505 096
DY 5	451-500	505 049	DY 5	±	505 097
DY 5	501-550	505 050	DY 5	PE	505 098
DY 5	551-600	505 051			
DY 5	601-650	505 052	DY 10/6,5	1-10	505 201
DY 5	651-700	505 053	DY 10/6,5	11-20	505 202
DY 5	701-750	505 054	DY 10/6,5	21-30	505 203
DY 5	751-800	505 055	DY 10/6,5	31-40	505 204
DY 5	801-850	505 056	DY 10/6,5	41-50	505 205
DY 5	851-900	505 057	DY 10/6,5	51-60	505 206
DY 5	901-950	505 058	DY 10/6,5	61-70	505 207
DY 5	951-999	505 059	DY 10/6,5	71-80	505 208
DY 5	A	505 060	DY 10/6,5	81-90	505 209
DY 5	B	505 061	DY 10/6,5	91-100	505 210
DY 5	C	505 062			
DY 5	D	505 063			
DY 5	E	505 064			
DY 5	F	505 065			
DY 5	G	505 066			



## Kablo Kodlama Elemanları (KODSIS) / Cable Marking Sleeves



Malzeme : KG 1 - KG 2 için elastiki plastik PVC, alevlenmeye mukavim  
KE 1 - KE 2 için Polyamid 6.6  
Çalışma Sıcaklığı : -30°C ile +70°C  
Her pakette yalnız bir cins harf, rakam veya işaret vardır.

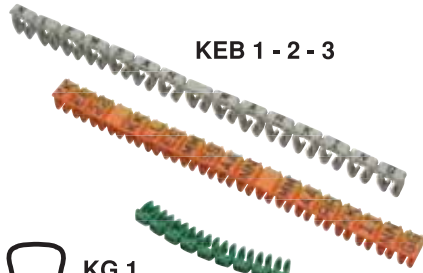
Material : Flexible Plastic PVC for KG 1 - KG 2 (Resistant to inflammation).  
Polyamide 6.6 for KE 1 - KE 2.

Ambient Temperature : -30° C and + 70° C  
Every packet contains only one type of letter, number or sign.

KEB 1	KEB 2	KEB 3	Renk Color
519 514	519 524	519 534	■

Tip Type	Kod Code	Kablo Kesiti mm <sup>2</sup> For Conductors mm <sup>2</sup>	Miktar Quantity
KG1		0,75 - 4	1000
KG2		4 - 16	500
KE1		0,5 - 1,5	500 (harfler için/for letters 200)
KE2		1,5 - 2,5	500 (harfler için/for letters 200)
KE3		4 - 6	500 (harfler için/for letters 200)
KEB1	519 514	0,5 - 1,5	500
KEB2	519 524	1,5 - 2,5	500
KEB3	519 534*	4 - 6	500

X\* = Renk kodudur / Color Code



KEB 1 - 2 - 3



KG 1

İzolasyon Dış Çapı / Ins.Ext. Diameter  
2.4 ..... 4.4 mm<sup>2</sup>  
Kablo Kesiti / For Conductors of  
0.75 ..... 4 mm<sup>2</sup>



KG 2

İzolasyon Dış Çapı / Ins.Ext. Diameter  
4.0 ..... 8.5 mm<sup>2</sup>  
Kablo Kesiti / For Conductors of  
4 ..... 16 mm<sup>2</sup>



KE 1

Kablo Kesiti / For Conductors of  
0.75 ..... 1.5 mm<sup>2</sup>



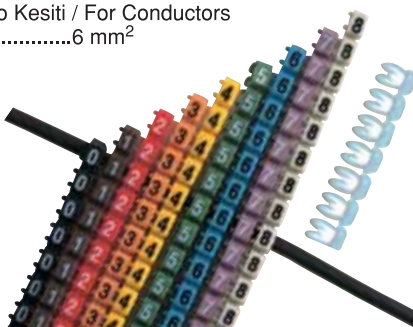
KE 2

Kablo Kesiti / For Conductors of  
1.50 ..... 2.5 mm<sup>2</sup>



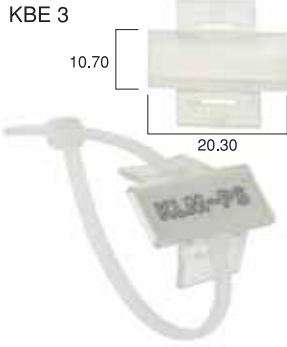
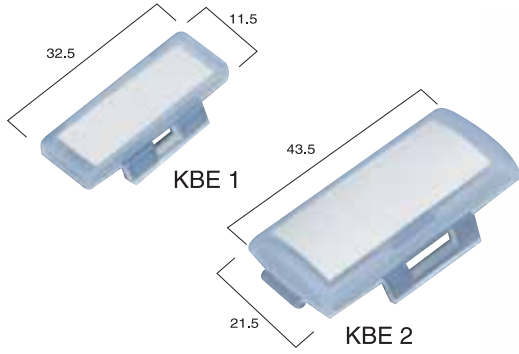
KE 3

Kablo Kesiti / For Conductors  
of 4 ..... 6 mm<sup>2</sup>



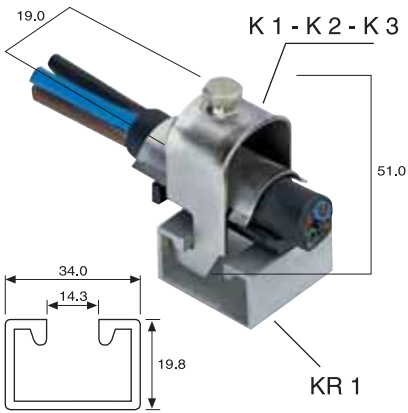
	Karakter Character	Kapalı Tip / Closed Type			Açık Tip / Open Type			
		KG1	KG2	Renk Color	KE1	KE2	KE3	Renk Color
Rakamlar Numbers	0	515 000	516 000	■	517 000	518 000	519 000	■
	1	515 001	516 001	■	517 001	518 001	519 001	■
	2	515 002	516 002	■	517 002	518 002	519 002	■
	3	515 003	516 003	■	517 003	518 003	519 003	■
	4	515 004	516 004	■	517 004	518 004	519 004	■
	5	515 005	516 005	■	517 005	518 005	519 005	■
	6	515 006	516 006	■	517 006	518 006	519 006	■
	7	515 007	516 007	■	517 007	518 007	519 007	■
	8	515 008	516 008	■	517 008	518 008	519 008	■
	9	515 009	516 009	■	517 009	518 009	519 009	■
Harfler Letters	A	515 010	516 010	■	517 010	518 010	519 010	■
	B	515 011	516 011	■	517 011	518 011	519 011	■
	C	515 012	516 012	■	517 012	518 012	519 012	■
	D	515 013	516 013	■	517 013	518 013	519 013	■
	E	515 014	516 014	■	517 014	518 014	519 014	■
	F	515 015	516 015	■	517 015	518 015	519 015	■
	G	515 016	516 016	■	517 016	518 016	519 016	■
	H	515 017	516 017	■	517 017	518 017	519 017	■
	I	515 018	516 018	■	517 018	518 018	519 018	■
	J	515 019	516 019	■	517 019	518 019	519 019	■
	K	515 020	516 020	■	517 020	518 020	519 020	■
	L	515 021	516 021	■	517 021	518 021	519 021	■
	M	515 022	516 022	■	517 022	518 022	519 022	■
	N	515 023	516 023	■	517 023	518 023	519 023	■
	O	515 024	516 024	■	517 024	518 024	519 024	■
	P	515 025	516 025	■	517 025	518 025	519 025	■
	Q	515 026	516 026	■	517 026	518 026	519 026	■
	R	515 027	516 027	■	517 027	518 027	519 027	■
	S				517 028	518 028	519 028	■
	T				517 029	518 029	519 029	■
	U	515 030	516 030	■	517 030	518 030	519 030	■
	V	515 031	516 031	■	517 031	518 031	519 031	■
	W	515 032	516 032	■	517 032	518 032	519 032	■
	X	515 033	516 033	■	517 033	518 033	519 033	■
	Y	515 034	516 034	■	517 034	518 034	519 034	■
	Z	515 035	516 035	■	517 035	518 035	519 035	■
Genel İşaretler Zeichen / Signs	Mp	515 040	516 040	■	517 040	518 040	519 040	■
	S	515 041	516 041	■				
	T	515 042	516 042	■				
	+	515 043	516 043	■	517 043	518 043	519 043	■
	-	515 044	516 044	■	517 044	518 044	519 044	■
	↓	515 045	516 045	■	517 045	518 045	519 045	■
	(	515 046	516 046	■	517 046	518 046	519 046	■
	.	515 047	516 047	■	517 047	518 047	519 047	■
	/	515 048	516 048	■	517 048	518 048	519 048	■

**Kablo Etiketleri / Cable Markers**



Tip Type	Sipariş No. Cat. No.	Ölçü Dimension	Max. Kablobağı Genişliği Max. Cable Tie Width	Miktar Qty.
KBE 1	520 110	11.5 x 32.5	4.8 mm	100
KBE 2	520 120	21.5 x 43.5	9.8 mm	100
KBE 3	508 080	10.70 x 20.30	6 mm	120

**Kablo Kroşeleri ve Kroşe Rayı / Cable Clamps & Cable Clamp Rail**

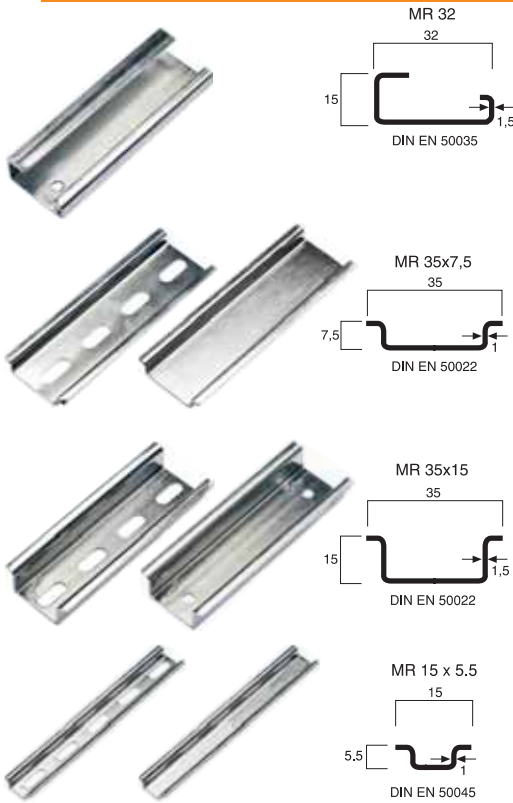


Tip Type	Sipariş No. Cat. No.	Ölçü (mm) Dimension (mm)	Max. Kablobağı Genişliği Min. & Max. Connection Dia	Miktar Qty.
K 1	510 110	19 x 51	8 - 12 mm	25
K 2	510 120	22.5 x 50	11 - 18 mm	25
K 3	510 130	28.5 x 55	12 - 23 mm	25

**Kablo Kroşe Rayı / Cable Clamp Rail**

KR 1	510 500	20 x 35		1 m
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**Montaj Rayları / Mounting Rails**



Tip Type	Sipariş No. Cat. No.	Birim Uzunluk Unit Length		Miktar Qty.
MR 32	500 101	1 m	Düz / Non-Slotted	10

Tip Type	Sipariş No. Cat. No.	Birim Uzunluk Unit Length		Miktar Qty.
MR 35 x 7,5	500 601	1 m	Düz / Non-Slotted	100
MR 35 x 7,5	500 602	1 m	Delikli / Slotted	100
MR 35 x 7,5	500 603	2 m	Düz / Non-Slotted	20
MR 35 x 7,5	500 604	2 m	Delikli / Slotted	20
MR 35 x 7,5	500 605	30 cm	Düz / Non-Slotted	20

Tip Type	Sipariş No. Cat. No.	Birim Uzunluk Unit Length		Miktar Qty.
MR 35 x 15	500 606	1 m	Düz / Non-Slotted	10
MR 35 x 15	500 607	1 m	Delikli / Slotted	10
MR 35 x 15	500 608	2 m	Düz / Non-Slotted	50
MR 35 x 15	500 609	2 m	Delikli / Slotted	50

Tip Type	Sipariş No. Cat. No.	Birim Uzunluk Unit Length		Miktar Qty.
MR 15 x 5.5	500 610	1 m	Düz / Non-Slotted	50
MR 15 x 5.5	500 611	1 m	Delikli / Slotted	50
MR 15 x 5.5	500 612	2 m	Düz / Non-Slotted	50
MR 15 x 5.5	500 613	2 m	Delikli / Slotted	50

**Ray Taşıyıcı / Mounting Rail Support**



Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.
RT	501 101	25

**Modüler Grup Etiketleri / Modular Group Markers**

ME serisi modüler etiketler, klemens gruplarının kodlanması ve tanımlanması için farklı çözümler sunmaktadır. KD4, KD6, KD6A, KD6T ve KD7 tipi durdurucu üzerine takılabilen 4 farklı modüler etiket tasarlanmıştır. ME3 tipi grup etiketi sadece KD7 ile birlikte kullanılabilir.

ME type modular group markers provide flexible solutions for the marking of terminal blocks. Four different group markers are designed which can be mounted on KD4, KD6, KD6A, KD6T and KD7 type end-brackets. ME3 type group marker can only be used with KD7 end bracket.



ME 1-1  
Küçük Boy  
Small Size



ME 1-2  
Orta Boy  
Medium Size



ME 2-2  
Büyük Boy  
Large Size



ME 3

ŞEFFAF - TRANSPARENT	496 12A	496 13A	496 14A	496 300
	508 530 SIFX 0615 Y (6x15 mm)	508 530 SIFX 0615 Y (6x15 mm)	508 530 SIFX 0615 Y (6x15 mm)	7 x 44 mm etiket
Miktar / Qty.	25	25	25	50

**Durdurucu / End Bracket**

	WGD 1	KD 3	KD 4	KD 5	KD 6	KD 6A	KD 6T	KD 7
Gri / Grey	495 039	495 049	495 059	495 069	495 099	495 109	495 209	495 219
Bej / Beige	495 030	495 040	495 050	495 060	495 090	495 100	495 200	495 210

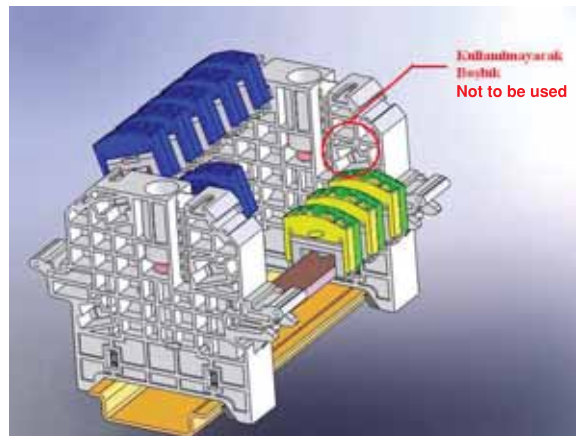
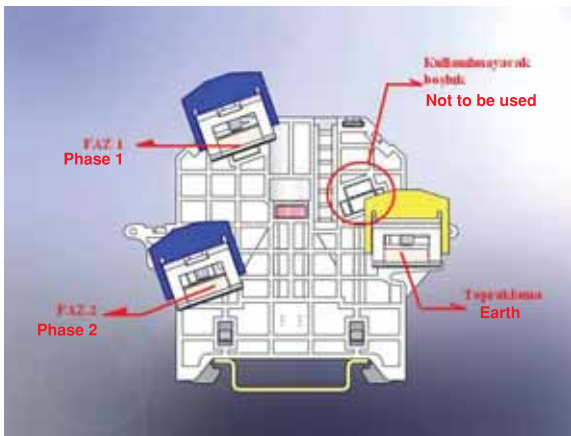
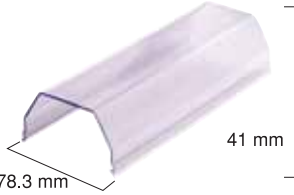
KD 6A için Kapak Cover for KD 6A		
Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.
KD6A (Gri/Grey)	495 109	50
KD6A (Bej/Beige)	495 100	50
KD6A (Şeffaf Koruma Kapağı /Transparent Cover-1mt.)	498 190	1

RA10 Ray Adaptörü Rail Adapter RA10		
Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.
RA10 (Gri/Grey)	498 459	10
RA10 (Bej/Beige)	498 450	10

KD 6A için Mühürleme Pimi Sealing Pin for KD 6A		
Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.
KD6A (Gri/Grey)	495 109	50
KD6A (Bej/Beige)	495 100	50
KD6A (Turuncu/Orange) Mühürleme Pimi Sealing Pin	498 187	100

Koruma Kapağı Tutucu Plaka Holding Plate for Cover		
Tip/Type	Sip.Nr./Cat.No.	Mik./Qty.
SKK-MR35 (Gri-Grey)	468 069	10
SKK-MR35 (Bej-Beige)	468 060	10

Kalınlık / Width: 1 mm



Uyarı: KD 6T kullanımında dikkat edilmesi gereken husus; Yukarıdaki resimlerde gösterilen bara yuvalarının kullanılmasıdır.  
Attention: When mounting the busbars in the slots designed for them, main issue to be paid attention to is not to use the slot seen in the illustration above.

## Kablo Bağları / Cable Ties



**Şeffaf** : Naturel Polyamid 66'dan imal edilmiştir. Kendi kendini söndürme özelliğine sahip (UL 94 V-2).

Normal çalışma sıcaklığı -40°C ile 85°C'dir.

**Siyah** : Polyamid 66'dan imal edilmiş olup, çalışma sıcaklığı ve kendi kendini söndürme özelliği şeffaf kablo bağları ile aynıdır.

Askeri Standartlar Çizim No: MS-3367'ye uygundur. İlimik kopma mukavemeti MIL-S-23190 D standartına uygundur.

Natural : Made from U.L. approved polyamide 66.

Flammability rating : UL 94 V-2

Normal service temperature range : - 40° C to 85° C.

Black : Material and temperature as above, except in black color.

Specification : Made to comply with mil-spec drawing no. MS-3667 tensile strength meet or exceed MIL-S-23190 D standart.



E 97527 Bütün ölçüler için. / For all sizes.

Tip Type	Sipariş No. Cat. No.	Genişlik (mm) Width (mm)	Uzunluk (mm) Length (mm)	Max. Bağlama Çapı (mm) Max. Bundle Dia. (mm)	İlimik Kopma Mukavemeti (KG) Max. Tensile Strength (KGs)	Miktar Qty.
YKB 94	<b>532 094 B</b>	2,5	94	25	8	1000
YKB 94	<b>532 094 S</b>	2,5	94	25	8	1000
YKB 100	<b>532 100 B</b>	2,5	100	25	8	1000
YKB 100	<b>532 100 S</b>	2,5	100	25	8	1000
YKB 142	<b>532 142 B</b>	2,5	142	35	8	1000
YKB 142	<b>532 142 S</b>	2,5	142	35	8	1000
YKB 203	<b>532 203 B</b>	2,5	203	55	8	1000
YKB 203	<b>532 203 S</b>	2,5	203	55	8	1000
YKB 150	<b>533 150 B</b>	3,6	150	39	18	1000
YKB 150	<b>533 150 S</b>	3,6	150	39	18	1000
YKB 250	<b>533 250 B</b>	3,6	250	74	18	1000
YKB 250	<b>533 250 S</b>	3,6	250	74	18	1000
YKB 292	<b>533 292 B</b>	3,6	292	85	18	1000
YKB 292	<b>533 292 S</b>	3,6	292	85	18	1000
YKB 368	<b>533 368 B</b>	3,6	368	102	18	1000
YKB 368	<b>533 368 S</b>	3,6	368	102	18	1000
YKB 120	<b>534 120 B</b>	4,8	120	30	22	1000
YKB 120	<b>534 120 S</b>	4,8	120	30	22	1000
YKB 190	<b>534 190 B</b>	4,8	190	52	22	1000
YKB 190	<b>534 190 S</b>	4,8	190	52	22	1000
YKB 368	<b>534 368 B</b>	4,8	368	102	22	1000
YKB 368	<b>534 368 S</b>	4,8	368	102	22	1000
YKB 300	<b>537 300 B</b>	7,6	300	88	55	500
YKB 300	<b>537 300 S</b>	7,6	300	88	55	500
YKB 380	<b>537 380 B</b>	7,6	380	110	55	500
YKB 380	<b>537 380 S</b>	7,6	380	110	55	500
YKB 450	<b>538 450 B</b>	8,0	450	133	80	100
YKB 450	<b>538 450 S</b>	8,0	450	133	80	100
YKB 762	<b>539 762 B</b>	9,0	762	236	80	100
YKB 762	<b>539 762 S</b>	9,0	762	236	80	100

Sipariş numarasının sonundaki B ve S harfleri renk kodlarıdır. Liste harici istekler için lütfen irtibat kurunuz.

B : Şeffaf, Beyaz  
S : Siyah

B or S codes at the end of each cat. number indicate the color of the cable-tie. Please contact for any requirements apart from the list.

B : Natural, White  
S : Black

## Yapışkan Kroşeler / Self-Adhesive Tie Mounts

Plastik / Plastic



**Malzeme :** Kendi kendini söndürme özelliğine sahip Polyamid 66, UL 94V-2. Hafif ağırlıktaki yükleri taşıyan kablo bağlarının montajı için dizayn edilen yapışkanlı bu kroşeleri temiz, düz ve yağsız yüzeylere yapıştırınız.

**Montaj :** Önceden yapışkan üzerindeki kağıdı söküp kroşeyi yüzeye yapıştırınız, sonra kablo bağına içinden geçirerek bağlantıyı yapınız

**Kullanılabilen Kablo Bağları:**

YK 1: Genişliği 4.7 mm'ye kadar olanlar

YK 2: Genişliği 5 mm'ye kadar olanlar

**B :** Beyaz**S :** Siyah

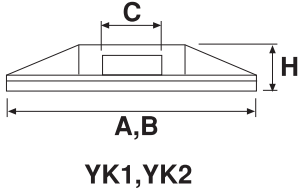
**Material :** UL Approved Polyamide 66, UL 94V-2. (Backed with adhesive tape) Self-adhesive tie mounts are designed to support light weight wire bundles when properly applied on any clean, smooth, grease-free surface. For heavy support, mounting hole is provided for screws.

**Installation :** To apply, simply peel off backing paper and apply mount to surface. After that, cable ties can be inserted to secure wire bundles.

To apply with the cable ties :

YK 1 : Up to 4.7 mm. wide cable ties.

YK 2 : Up to 5 mm. wide cable ties.

**B :** White**S :** Black

Tip Type	Sipariş No. Cat. No.	Boyutlar / Dimensions (mm)				Miktar Qty.
		A	B	C	H	
YK 1	541 210 B	21	21	4.4	5	500
YK 1	541 210 S	21	21	4.4	5	500
YK 2	541 280 B	28	28	6.5	5.8	500
YK 2	541 280 S	28	28	6.5	5.8	500

## Vida Bağlantı Kroşeleri / Saddle Type Tie Mounts

Plastik / Plastic



**Malzeme :** Kendi kendini söndürme özelliğine sahip Polyamid 66, UL 64V-2. Vida bağlantısı kablo demeti için maksimum sabitliği sağlar. Kroşeyi bir vida ile kolay bir şekilde monte edip, kablo bağına içinden geçirerek kabloları sabitleyiniz.

**Kullanılabilen Kablo Bağları :**

VK 1: Genişliği 5 mm'ye kadar olanlar

VK 2: Tüm Kablo bağları.

**B :** Beyaz**S :** Siyah

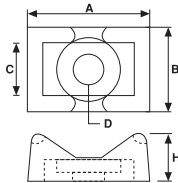
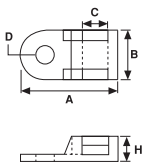
**Material :** UL Approved Polyamide 66, UL 94V-2.

**Saddle design provides maximum stability to wire bundles. To apply, simply fix mount with a screw and secure wire bundles with the cable ties.**

To apply with the cable ties :

VK 1 : Up to 5 mm. wide cable ties.

VK 2 : All applicable sizes.

**B :** White**S :** Black

Tip Type	Sipariş No. Cat. No.	Boyutlar / Dimensions (mm)					Miktar Qty.
		A	B	H	DØ	C	
VK 1	542 110 B	19	9.5	5	3.4	5	500
VK 1	542 110 S	19	9.5	5	3.4	5	500
VK 2	542 120 B	23	16	9	6	9	500
VK 2	542 120 S	23	16	9	6	9	500

## LED'li Sinyal Kutuları / Signal Modules With LED

LSK 1

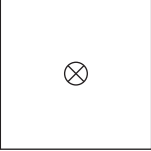
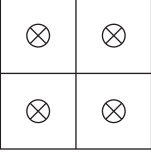
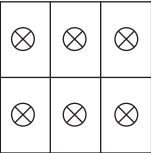
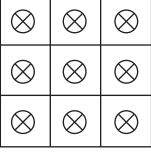


72 x 72

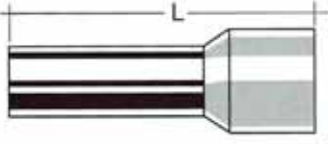
LSK 2



96 x 96

Göz Sayısı Number of Cells	Sipariş No. Cat. No.	Tip Type	Açıklama Description	Nötr Bağlantısı Neutral Connection	Ambalaj Paket Package
 Tek Single	582 010	LSK 1	Tekli/Single 24 VAC/DC	Bağımsız/Independent	1
	582 011	LSK 1	Tekli/Single 110 V AC	Bağımsız/Independent	1
	582 012	LSK 1	Tekli/Single 220 V AC	Bağımsız/Independent	1
	583 013	LSK 2	Tekli/Single 24 VAC/DC	Bağımsız/Independent	1
	583 014	LSK 2	Tekli/Single 110 V AC	Bağımsız/Independent	1
	583 015	LSK 2	Tekli/Single 220 V AC	Bağımsız/Independent	1
 İki Double	582 021	LSK 1	Tekli/Single 24 VAC/DC	Ortak/Common	1
	582 023	LSK 1	Tekli/Single 110 V AC	Ortak/Common	1
	582 025	LSK 1	Tekli/Single 220 V AC	Ortak/Common	1
	583 021	LSK 2	İkili/Double 24 VAC/DC	Ortak/Common	1
	583 023	LSK 2	İkili/Double 110 V AC	Ortak/Common	1
	583 025	LSK 2	İkili/Double 220 V AC	Ortak/Common	1
 Dört Four	582 041	LSK 1	Tekli/Single 24 VAC/DC	Ortak/Common	1
	582 043	LSK 1	Tekli/Single 110 V AC	Ortak/Common	1
	582 045	LSK 1	Tekli/Single 220 V AC	Ortak/Common	1
	583 041	LSK 2	Dörtlü/Four 24 VAC/DC	Ortak/Common	1
	583 043	LSK 2	Dörtlü/Four 110 V AC	Ortak/Common	1
	583 045	LSK 2	Dörtlü/Four 220 V AC	Ortak/Common	1
 Altı Six	582 061	LSK 1	Altılı/Six 24 VAC/DC	Ortak/Common	1
	582 065	LSK 1	Altılı/Six 220 V AC	Ortak/Common	1
	583 061	LSK 2	Altılı/Six 24 VAC/DC	Ortak/Common	1
	583 063	LSK 2	Altılı/Six 110 V AC	Ortak/Common	1
	583 065	LSK 2	Altılı/Six 220 V AC	Ortak/Common	1
 Dokuz Nine	583 091	LSK 2	Dokuzlu/Nine 24 VAC/DC	Ortak/Common	1
	583 093	LSK 2	Dokuzlu/Nine 110 V AC	Ortak/Common	1
	583 095	LSK 2	Dokuzlu/Nine 220 V AC	Ortak/Common	1

## Kablo Yüksükleri / End Sleeves

İzoleli Tip  
Insulated Type

İzoleli tip kablo yüksükleri E-Cu malzeme üzeri kalay kaplı olup (DIN 46228/4) izolasyon kısımları ise polyamid 6.6 malzemedir.

Insulated type of end sleeves are made of E-Cu with tin-plating. (DIN 46228/4) The material of the insulation parts polyamide 6.6.



Tip Type	Sipariş No. Cat. No.	Kesit (mm <sup>2</sup> ) Cross-sec.	L (mm) L (mm)	Renk Color	AWG AWG	Miktar Qty.
IKY 0.50/8	570 010	0.50	14	Turuncu Orange	20	500
IKY 0.75/8	570 020	0.75	14	Beyaz White	18	500
IKY 1.0/8	570 030	1.0	14	Sarı Yellow	17	500
IKY 1.5/8	570 040	1.5	14	Kırmızı Red	16	500
IKY 2.5/8	570 050	2.5	15	Mavi Blue	14	250
IKY 4/9	570 060	4	16	Gri Grey	12	250
IKY 6/12	570 070	6	20	Siyah Black	10	100
IKY 10/12	570 080	10	21	Fildişi Ivory	8	100
IKY 16/12	570 090	16	22	Yeşil Green	6	50
IKY 25/16	570 100	25	29	Kahve Brown	4	20
IKY 35/16	570 110	35	30	Bej Beige	2	20
IKY 50/20	570 120	50	36	Zeytin Yeşili Olive	1	20

İzolesiz Tip  
Uninsulated Type

İzolesiz tip kablo yüksükleri E-Cu malzeme üzeri kalay kaplı olup DIN 46228/1'e uygundur.

Uninsulated end sleeves are made of E-Cu with tin-plating as per DIN 46228/1.



Tip Type	Sipariş No. Cat. No.	Kesit (mm <sup>2</sup> ) Cross-sec.	L (mm) L (mm)	AWG AWG	Miktar Qty.
KY 0.50/10	571 010	0.50	10	20	1000
KY 0.75/10	571 020	0.75	10	18	1000
KY 1.0/10	571 030	1.0	10	17	1000
KY 1.5/10	571 040	1.5	10	16	1000
KY 2.5/12	571 050	2.5	12	14	1000
KY 4.0/12	571 060	4.0	12	12	500
KY 6.0/12	571 070	6.0	12	10	250
KY 10.0/12	571 080	10.0	12	8	250
KY 16.0/12	571 090	16.0	12	6	100

## İzoleli Tip Çift Girişli / Twin Cord End Terminals



İzoleli çift girişli kablo yüksükleri E-Cu malzeme üzeri kalay kaplı olup DIN 46228/4'e uygundur.

Insulated twin cord end sleeves are made of E-Cu with tin-plating as per DIN 46228/4.



Tip Type	Sipariş No. Cat. No.	Kesit (mm <sup>2</sup> ) Cross-sec.	Renk Color	Miktar Qty.
IKY - 2x0.5/8	572 010	2x0.5	Turuncu - Orange	500
IKY - 2x0.75/8	572 020	2x0.75	Beyaz - White	500
IKY - 2x1/8	572 030	2x1.0	Sarı - Yellow	500
IKY - 2x1.5/8	572 040	2x1.5	Kırmızı - Red	250
IKY - 2x2.5/10	572 050	2x2.5	Mavi - Blue	200
IKY - 2x4/12	572 060	2x4.0	Gri - Grey	100
IKY - 2x6/14	572 070	2x6.0	Siyah - Black	75
IKY - 2x10/14	572 080	2x10	Fildişi - Ivory	50
IKY - 2x16/14	572 090	2x16	Yeşil - Green	20

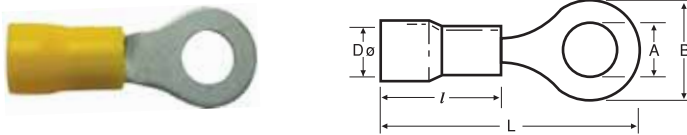
**Kablo Pabuçları / Insulated Terminals**

İzoleli Tip Kablo Pabuçları E-Cu malzeme üzeri kalay kaplı olup, izolasyon kısımları PVC malzemeden üretilmiştir.

Insulated Terminals are made of E-Cu with tin - plating. Insulation parts are made of PVC.



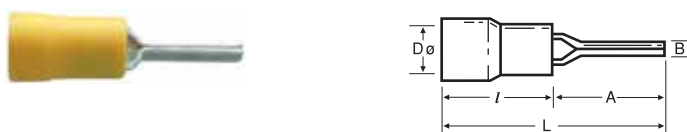
**Kablo Pabuçları - İzoleli / Yuvarlak Uçlu  
Insulated Terminals / Ringtype**



Sip. No. Cat.No.	Tip/Type	Kesit Cross-sec. (mm <sup>2</sup> )	A	B	Dø	L	l	Amb. Paket Package
590010	KYK - 301	0.5 - 1.5	3.2	5.5	4.1	16.7	10	150
590011	KYK - 351	0.5 - 1.5	3.7	5.5	4.1	19.6	10	150
590012	KYK - 401	0.5 - 1.5	4.3	6.6	4.1	19.6	10	150
590013	KYK - 501	0.5 - 1.5	5.3	8	4.1	21	10	125
590014	KYK - 601	0.5 - 1.5	6.5	11.6	4.1	26.8	10	100
590015	KYK - 801	0.5 - 1.5	8.4	11.6	4.1	26.8	10	100
590020	KYK - 302	1.5 - 2.5	3.2	6.4	4.5	17.5	10	125
590021	KYK - 402	1.5 - 2.5	4.3	8.5	4.5	22	10	125
590022	KYK - 502	1.5 - 2.5	5.3	8.5	4.5	22	10	100
590023	KYK - 602	1.5 - 2.5	6.5	12	4.5	27	10	100
590024	KYK - 802	1.5 - 2.5	8.4	12	4.5	27	10	100
590025	KYK-1002	1.5 - 2.5	10.5	13.6	4.5	30.7	10	75
590030	KYK - 406	4.0 - 6.0	4.3	9.5	6.5	25.5	12.5	100
590031	KYK - 506	4.0 - 6.0	5.3	9.5	6.5	27	12.5	100
590032	KYK - 606	4.0 - 6.0	6.5	12	6.5	29	12.5	75
590033	KYK - 806	4.0 - 6.0	8.4	15	6.5	33.7	12.5	50
590034	KYK-1006	4.0 - 6.0	10.5	15	6.5	33.7	12.5	50
590035	KYK-1206	4.0 - 6.0	13	19.2	6.5	38.1	12.5	50

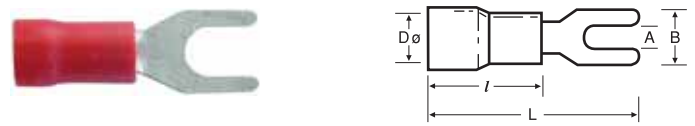
Dø: İç çap yalıtım ölçüsüdür. / Do is the inner-diameter for the isolation part.

**Kablo Pabuçları - İzoleli / İğne Uçlu  
Insulated Terminals / Pinconnectors**



Sip. No. Cat.No.	Tip/Type	Kesit Cross-sec. (mm <sup>2</sup> )	A	B	Dø	L	l	Amb. Paket Package
592010	KIK 1/1.5	0.5 - 1.5	12.0	1.9	4	21.5	9.5	200
592020	KIK 1/2.5	1.5 - 2.5	12.0	1.9	4.5	22	10	200
592030	KIK 6	4.0 - 6.0	14.5	2.7	6.8	27	13	100

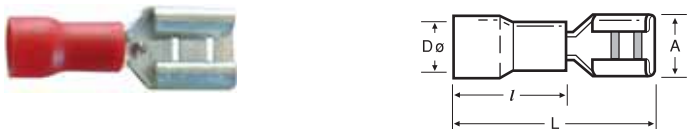
**Kablo Pabuçları - İzoleli / Çatal Uçlu  
Insulated Terminals / Forktype**



Sip. No. Cat.No.	Tip/Type	Kesit Cross-sec. (mm <sup>2</sup> )	A	B	Dø	L	l	Amb. Paket Package
591010	KÇK - 301	0.5 - 1.5	3.2	5.8	4.1	21	10	150
591011	KÇK - 351	0.5 - 1.5	3.7	6.4	4.1	20.6	10	150
591012	KÇK - 401	0.5 - 1.5	3.7	7.2	4.1	20.6	10	150
591013	KÇK - 501	0.5 - 1.5	5.3	8	4.1	21	10	125
591014	KÇK - 601	0.5 - 1.5	6.5	12	4.1	27.2	10	100
591021	KÇK - 352	1.5 - 2.5	3.7	5.7	4.5	21	10	100
591022	KÇK - 402	1.5 - 2.5	4.3	7.2	4.5	21	10	100
591023	KÇK - 502	1.5 - 2.5	5.3	8.1	4.5	22	10	100
591024	KÇK - 602	1.5 - 2.5	6.5	12	4.5	27.2	10	100
591030	KÇK - 406	4.0 - 6.0	4.3	8.5	6.5	25.2	12.5	100
591031	KÇK - 506	4.0 - 6.0	5.3	9.5	6.5	25.2	12.5	75
591032	KÇK - 606	4.0 - 6.0	6.4	12	6.8	31.2	12.5	50

Dø: İç çap yalıtım ölçüsüdür. / Do is the inner-diameter for the isolation part.

**Faston Kablo Pabuçları - İzoleli / Dişi  
Insulated Terminals / Female Disconnect**

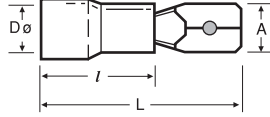


Sip. No. Cat.No.	Tip/Type	Kesit Cross-sec. (mm <sup>2</sup> )	A	Dø	L	l	Amb. Paket Package
593010	KFD - 1288	0.5 - 1.5	2.8x0.8	4	18.5	10	200
593011	KFD - 1488	0.5 - 1.5	4.8x0.8	4	9	10	200
593012	KFD - 1638	0.5 - 1.5	6.4x0.8	4	21	10	100
593020	KFD - 2488	1.5 - 2.5	4.8x0.8	4.5	18.7	9.5	200
593021	KFD - 2638	1.5 - 2.5	6.3x0.8	4.5	20.3	9.5	100
593030	KFD - 5638	4.0 - 6.0	6.4x0.8	5.5	23.5	12.5	100

Dø: İç çap yalıtım ölçüsüdür. / Do is the inner-diameter for the isolation part.

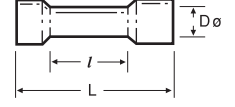


## Kablo Pabuçları / Insulated Terminals

Faston Kablo Pabuçları - İzoleli / Erkek  
Insulated Terminals / Male Disconnect

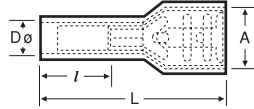
Sip. No. Cat.No.	Tip/Type	Kesit Cross-sec. (mm <sup>2</sup> )	A	Dø	L	l	Amb. Paket Package
594010	KFE - 1288 ●	0.5 - 1.5	2.8x0.8	4	19.2	10	200
594011	KFE - 1488 ●	0.5 - 1.5	4.8x0.8	4	19.2	10	200
594012	KFE - 1638 ●	0.5 - 1.5	6.4x0.8	4	21.2	10	100
594020	KFE - 2488 ●	1.5 - 2.5	4.8x0.8	4.5	18.5	10	200
594021	KFE - 2638 ●	1.5 - 2.5	6.4x0.8	4.5	21.2	10	100
594030	KFE - 5638 ●	4.0 - 6.0	6.3x0.8	6.8	23.8	10	100

Dø: İç çap yalıtım ölçüsüdür. / Do is the inner-diameter for the isolation part.

Ek Muflar - İzoleli  
Insulated Terminals / Butt Connectors

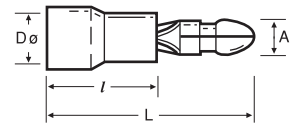
Sip. No. Cat.No.	Tip/Type	Kesit Cross-sec. (mm <sup>2</sup> )	Dø	L	l	Amb. Paket Package
597010	KME - 251 ●	0.5 - 1.5	4.1	26	15.0	150
597020	KME - 252 ●	1.5 - 2.5	4.6	26	15.0	100
597030	KME - 256 ●	4.0 - 6.0	6.4	26	15.0	75

Dø: İç çap yalıtım ölçüsüdür. / Do is the inner-diameter for the isolation part.

Faston Kablo Pabuçları - Tam İzoleli / Dişi  
Fully Insulated Terminals / Female Disconnect

Sip. No. Cat.No.	Tip/Type	Kesit Cross-sec. (mm <sup>2</sup> )	A	Dø	L	l	Amb. Paket Package
595010	İKFD - 1288 ●	0.5 - 1.5	2.8x0.8	4	20	10.0	100
595011	İKFD - 1488 ●	0.5 - 1.5	4.8x0.8	4	20	10.0	100
595012	İKFD - 1638 ●	0.5 - 1.5	6.3x0.8	4	22	10.5	100
595020	İKFD - 2488 ●	1.5 - 2.5	4.8x0.8	4.5	20	10.0	100
595021	İKFD - 2638 ●	1.5 - 2.5	6.3x0.8	4.5	22	10.5	100
595030	İKFD - 5638 ●	4.0 - 6.0	6.3x0.8	5.5	23	13.7	75

Dø: İç çap yalıtım ölçüsüdür. / Do is the inner-diameter for the isolation part.

Yuvarlak Erkek Fişler - İzoleli  
Insulated Terminals / Male Bullet

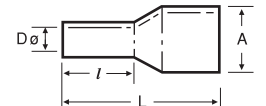
Sip. No. Cat.No.	Tip/Type	Kesit Cross-sec. (mm <sup>2</sup> )	A	Dø	L	l	Amb. Paket Package
598010	KMT - 1040 ●	0.5 - 1.5	ø4	4	20.3	9.5	100
598020	KMT - 2050 ●	1.5 - 2.5	ø5	4.5	20.3	9.5	75
598030	KMT - 5050 ●	4.0 - 6.0	ø5	5.5	23.3	12.5	75

Dø: İç çap yalıtım ölçüsüdür. / Do is the inner-diameter for the isolation part.


Faston Kablo Pabuçları  
İzoleli / Erkek Geri Dönüşlü  
Insulated Terminals / Piggy Back

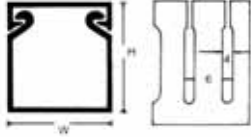
Sip. No. Cat.No.	Tip/Type	Kesit Cross-sec. (mm <sup>2</sup> )	A	Dø	L	l	Amb. Paket Package
596010	KPB - 1638 ●	0.5 - 1.5	6.4x0.8	4.5	20.3	9.5	100
596020	KPB - 2638 ●	4.0 - 6.0	6.4x0.8	5.5	20.3	9.5	100
596030	KPB - 5638 ●	4.0 - 6.0	6.4x0.8	5.5	23.3	12.5	75


Dø: İç çap yalıtım ölçüsüdür. / Do is the inner-diameter for the isolation part.

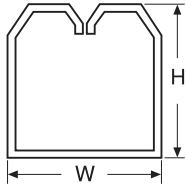
Yuvarlak Dişi Fişler / İzoleli  
Insulated Terminals / Female Bullet


Sip. No. Cat.No.	Tip/Type	Kesit Cross-sec. (mm <sup>2</sup> )	A	Dø	L	l	Amb. Paket Package
599010	KFT - 1040 ●	0.5 - 1.5	ø4	4	23	10.5	100
599020	KFT - 2050 ●	1.5 - 2.5	ø5	4.5	23	11.5	75
599030	KFT - 5050 ●	4.0 - 6.0	ø5	5.5	23	13.8	50

Kablo Kanalları Wiring Ducts	Tip Type	Sipariş No Cat. No.	Boyutlar (WxH) Dimensions	Açıklamalar Explanation	Renk Color	Miktar Qty.
	KKC 2530	553 010	25 x 30 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	72 x 2
	KKC 2540	553 011	25 x 40 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	56 x 2
	KKC 2560	553 012	25 x 60 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	42 x 2
	KKC 4040	553 013	40 x 40 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	38 x 2
	KKC 4060	553 014	40 x 60 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	28 x 2
	KKC 4080	553 015	40 x 80 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	28 x 2
	KKC 6040	553 016	60 x 40 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	26 x 2
	KKC 6060	553 017	60 x 60 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	18 x 2
	KKC 6080	553 018	60 x 80 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	20 x 2
	KKC 8060	553 019	80 x 60 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	20 x 2
KKC 8080	553 020	80 x 80 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	16 x 2	
KKC 1006	553 021	100 x 60 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	16 x 2	
KKC 1008	553 022	100 x 80 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	12 x 2	
KKC 1206	553 023	120 x 60 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	12 x 2	
KKC 1208	553 024	120 x 80 mm	Delikli Kanal / Slotted 2 mt.	Gri / Grey	10 x 2	


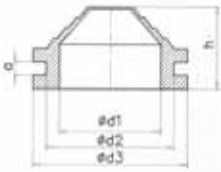


Kanal İçi Kablo Tutucular Wiring Retainer	Tip Type	Sipariş No Cat. No.	Boyutlar (WxH) Dimensions	Açıklamalar Explanation	Renk Color	Miktar Qty.
	KKT 4040	553 100	40 x 40 mm	Yapışkanlı / self adhesive	Gri / Grey	10
	KKT 4065	553 101	40 x 65 mm	Yapışkanlı / self adhesive	Gri / Grey	10
	KKT 6565	553 102	65 x 65 mm	Yapışkanlı / self adhesive	Gri / Grey	10
	KKT 2040	553 103	20 x 40 mm	Yapışkanlı / self adhesive	Gri / Grey	10



Kanal Kanal Kapağı Wiring Ducts Cover	Tip Type	Sipariş No Cat. No.	Boyutlar Dimensions	Açıklamalar Explanation	Miktar Qty.
	KKK 25	553 050	25 mm.	25 mm. Genişlik / Width	10 x 2 m.
	KKK 40	553 051	40 mm.	40 mm. Genişlik / Width	10 x 2 m.
	KKK 60	553 052	60 mm.	60 mm. Genişlik / Width	10 x 2 m.
	KKK 80	553 053	80 mm.	80 mm. Genişlik / Width	10 x 2 m.
	KKK 100	553 054	100 mm.	100 mm. Genişlik / Width	10 x 2 m.
	KKK 120	553 211	120 mm.	120 mm. Genişlik / Width	10 x 2 m.

### Kauçuk Rakorlar / Rubber Glands

		RR 11	630 110	10	16	22	13	100
		RR 13,5	630 135	14	21	27	17.5	100
		RR 16	630 160	17	23.5	29.5	17.5	100
		RR 21	630 210	23	29	35	18.5	100
		RR 29	630 290	29.5	38	44	21.5	100
		RR 36	630 360	39.5	49	55	24.5	50
		RR 42	630 420	49.5	59	66	30	50

a = max. 3 mm

**Ürün - Tornavida Eşleştirme Tablosu**  
**Product - Screwdriver Match Table**

Ürün Product	Tornavida Screwdriver		Ürün Product	Tornavida Screwdriver	
ASK 2S	ITK 3 (0,6 x 3,5)	561 030	PYK 10	ITK 4 (0,8 x 4)	561 040
ASK 3A	ITK 3 (0,6 x 3,5)	561 030	PYK 10T	ITK 4 (0,8 x 4)	561 040
ASK 3F	ITK 3 (0,6 x 3,5)	561 030	PYK 2,5	ITK 2 (0,5 x 3)	561 020
ASK 3M	ITK 3 (0,6 x 3,5)	561 030	PYK 2,5-2F	ITK 2 (0,5 x 3)	561 020
ASK 4S	ITK 3 (0,6 x 3,5)	561 030	PYK 2,5-2FT	ITK 2 (0,5 x 3)	561 020
AVK / EK6	ITK 4 (0,8 x 4)	561 040	PYK 2,5-3F	ITK 2 (0,5 x 3)	561 020
AVK 10	ITK 4 (0,8 x 4)	561 040	PYK 2,5-3FT	ITK 2 (0,5 x 3)	561 020
AVK 16	ITK 5 (1 x 5,5)	561 050	PYK 2,5T	ITK 2 (0,5 x 3)	561 020
AVK 16 RD	ITK 5 (1 x 5,5)	561 050	PYK 4	ITK 3 (0,6 x 3,5)	561 030
AVK 16/35T	ITK 5 (1 x 5,5)	561 050	PYK 4-2F	ITK 3 (0,6 x 3,5)	561 030
AVK 16T RD	ITK 5 (1 x 5,5)	561 050	PYK 4E	ITK 3 (0,6 x 3,5)	561 030
AVK 2,5	ITK 3 (0,6 x 3,5)	561 030	PYK 4I (6,35x31,75)	ITK 3 (0,6 x 3,5)	561 030
AVK 2,5 RD	ITK 3 (0,6 x 3,5)	561 030	PYK 4S (5x20)	ITK 3 (0,6 x 3,5)	561 030
AVK 2,5/4T	ITK 3 (0,6 x 3,5)	561 030	PYK 4S (5x25)	ITK 3 (0,6 x 3,5)	561 030
AVK 2,5CC	ITK 3 (0,6 x 3,5)	561 030	PYK 4T	ITK 3 (0,6 x 3,5)	561 030
AVK 2,5CCT	ITK 3 (0,6 x 3,5)	561 030	PYK 6	ITK 4 (0,8 x 4)	561 040
AVK 2,5T RD	ITK 3 (0,6 x 3,5)	561 030	PYK 6T	ITK 4 (0,8 x 4)	561 040
AVK 35	ITK 5 (1 x 5,5)	561 050	TRV 10	ITK 5 (1 x 5,5)	561 050
AVK 35 I RD	ITK 5 (1 x 5,5)	561 050	TRV 4	ITK 3 (0,6 x 3,5)	561 030
AVK 35 RD	ITK 5 (1 x 5,5)	561 050	TRV 4B	ITK 3 (0,6 x 3,5)	561 030
AVK 35T RD	ITK 5 (1 x 5,5)	561 050	TRV 4M	ITK 3 (0,6 x 3,5)	561 030
AVK 4	ITK 3 (0,6 x 3,5)	561 030	TRV 4S	ITK 3 (0,6 x 3,5)	561 030
AVK 4 RD	ITK 3 (0,6 x 3,5)	561 030	TRV 4T	ITK 3 (0,6 x 3,5)	561 030
AVK 4C	ITK 3 (0,6 x 3,5)	561 030	TSK 10	ITK 4 (0,8 x 4)	561 040
AVK 4FS	ITK 2 (0,5 x 3)	561 020	WGD 1	ITK 5 (1 x 5,5)	561 050
AVK 4T RD	ITK 3 (0,6 x 3,5)	561 030	WGL 1	ITK 4 (0,8 x 4)	561 040
AVK 6	ITK 4 (0,8 x 4)	561 040	WGO 1	ITK 4 (0,8 x 4)	561 040
AVK 6/10T	ITK 4 (0,8 x 4)	561 040	WGO 2	ITK 4 (0,8 x 4)	561 040
KD 3	ITK 4 (0,8 x 4)	561 040	WGO 3	ITK 4 (0,8 x 4)	561 040
KD 6	ITK 5 (1 x 5,5)	561 050	WGT 10	ITK 4 (0,8 x 4)	561 040
KD 6A	ITK 5 (1 x 5,5)	561 050	WGT 2,5	ITK 2 (0,5 x 3)	561 020
KD 6T	ITK 5 (1 x 5,5)	561 050	WGT 4	ITK 3 (0,6 x 3,5)	561 030
MVK 2,5	ITK 2 (0,5 x 3)	561 020	WGT 6	ITK 4 (0,8 x 4)	561 040
MVK 2,5T	ITK 2 (0,5 x 3)	561 020	YBK 10	ITK 4 (0,8 x 4)	561 040
MVK 4	ITK 3 (0,6 x 3,5)	561 030	YBK 10T	ITK 4 (0,8 x 4)	561 040
MVK 4T	ITK 3 (0,6 x 3,5)	561 030	YBK 2,5	ITK 3 (0,6 x 3,5)	561 030
MYK 2,5	ITK 2 (0,5 x 3)	561 020	YBK 2,5 A	ITK 3 (0,6 x 3,5)	561 030
MYK 2,5T	ITK 2 (0,5 x 3)	561 020	YBK 2,5 CX2	ITK 3 (0,6 x 3,5)	561 030
MYPK 2,5	ITK 2 (0,5 x 3)	561 020	YBK 2,5 ET	ITK 3 (0,6 x 3,5)	561 030
MYSK 2,5	ITK 2 (0,5 x 3)	561 020	YBK 2,5-2F	ITK 3 (0,6 x 3,5)	561 030
PCY 2,5	ITK 3 (0,6 x 3,5)	561 030	YBK 2,5-2FT	ITK 3 (0,6 x 3,5)	561 030
PCY 2,5E	ITK 3 (0,6 x 3,5)	561 030	YBK 2,5-3F	ITK 3 (0,6 x 3,5)	561 030
PEK 10	ITK 4 (0,8 x 4)	561 040	YBK 2,5-3FT	ITK 3 (0,6 x 3,5)	561 030
PEK 16	ITK 5 (1 x 5,5)	561 050	YBK 2,5-3S	ITK 3 (0,6 x 3,5)	561 030
PEK 2,5	ITK 3 (0,6 x 3,5)	561 030	YBK 2,5C	ITK 3 (0,6 x 3,5)	561 030
PEK 2,5K	ITK 2 (0,5 x 3)	561 020	YBK 2,5CT	ITK 3 (0,6 x 3,5)	561 030
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PEK 6	ITK 4 (0,8 x 4)	561 040	YBK 4	KT 3 (3,5 x 0,6)	560 030
PIK 2,5N	ITK 2 (0,5 x 3)	561 020	YBK 4-2F	KT 3 (3,5 x 0,6)	560 030
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PUK 3	ITK 2 (0,5 x 3)	561 020	YBK 6T	ITK 4 (0,8 x 4)	561 040
PUK 3S	ITK 2 (0,5 x 3)	561 020	YBK I	ITK 4 (0,8 x 4)	561 040
PUK 3S	ITK 2 (0,5 x 3)	561 020	YBK S	ITK 4 (0,8 x 4)	561 040
PUK 3T	ITK 2 (0,5 x 3)	561 020			



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## Tip ve Sipariş Numaralı İndeks / Type and Catalog Number Index

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ASK 2B	360 119	Gri / Grey	50	AVK 16 RD	304 241	Mavi / Blue	20
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ASK 2LD	351 529	110 VDC Gri / Grey	52	AVK 2.5	304 123	Sarı / Yellow	18
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ASK 3FLD	354 329	48 VDC Gri / Grey	54	AVK 35 I RD	304 263	Sarı / Yellow	21
ASK 3FLD	354 510	110 VAC Bej / Beige	54	AVK 35 I RD	304 264	Kırmızı / Red	21
ASK 3FLD	354 519	110 VAC Gri / Grey	54	AVK 35 I RD	304 265	Bej / Beige	21
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ASK 3FLD	354 619	220 VAC Gri / Grey	54	AVK 35 RD	304 253	Sarı / Yellow	21
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AVK 4 RD	304 212	Yeşil / Green	31	DY 5	505 008 8	104
AVK 4 RD	304 213	San / Yellow	31	DY 5	505 009 9	104
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ITK 3 (0,6 x 3,5)	561 030	tomavida / screwdriver - PEK 2,5	115	KCK-606	591 032	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)	112
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ITK 3 (0,6 x 3,5)	561 030	tomavida / screwdriver - TRV 4T	115	KD 6A PİM	495 100	KD 6A MÜHÜRLEME PİMİ / SEALING PIN FOR KD 6A	107
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KE 2	518 022	M	KG 1	515 018	I	105
KE 2	518 023	N	KG 1	515 019	J	105
KE 2	518 024	O	KG 1	515 020	K	105
KE 2	518 025	P	KG 1	515 021	L	105
KE 2	518 026	Q	KG 1	515 022	M	105
KE 2	518 027	R	KG 1	515 023	N	105
KE 2	518 028	S	KG 1	515 024	O	105
KE 2	518 029	T	KG 1	515 025	P	105
KE 2	518 030	U	KG 1	515 026	Q	105
KE 2	518 031	V	KG 1	515 027	R	105
KE 2	518 032	W	KG 1	515 030	U	105
KE 2	518 033	X	KG 1	515 031	V	105
KE 2	518 034	Y	KG 1	515 032	W	105
KE 2	518 035	Z	KG 1	515 033	X	105
KE 2	518 040	Mp	KG 1	515 034	Y	105
KE 2	518 043	+	KG 1	515 035	Z	105
KE 2	518 044	-	KG 1	515 040	Mp	105
KE 2	518 045	⊕	KG 1	515 041	S	105
KE 2	518 046	(	KG 1	515 042	T	105
KE 2	518 047	.	KG 1	515 043	+	105
KE 2	518 048	/	KG 1	515 044	-	105
KE 3	519 000	0	KG 1	515 045	⊕	105
KE 3	519 001	1	KG 1	515 046	(	105
KE 3	519 002	2	KG 1	515 047	.	105
KE 3	519 003	3	KG 2	516 001	1	105
KE 3	519 004	4	KG 2	516 002	2	105
KE 3	519 005	5	KG 2	516 003	3	105
KE 3	519 006	6	KG 2	516 004	4	105
KE 3	519 007	7	KG 2	516 005	5	105
KE 3	519 008	8	KG 2	516 006	6	105
KE 3	519 009	9	KG 2	516 007	7	105
KE 3	519 010	A	KG 2	516 008	8	105
KE 3	519 011	B	KG 2	516 009	9	105
KE 3	519 012	C	KG 2	516 010	A	105
KE 3	519 013	D	KG 2	516 011	B	105
KE 3	519 014	E	KG 2	516 012	C	105
KE 3	519 015	F	KG 2	516 013	D	105
KE 3	519 016	G	KG 2	516 014	E	105
KE 3	519 017	H	KG 2	516 015	F	105
KE 3	519 018	I	KG 2	516 016	G	105
KE 3	519 019	J	KG 2	516 017	H	105
KE 3	519 020	K	KG 2	516 018	I	105
KE 3	519 021	L	KG 2	516 019	J	105



Tip Type	Sip.No. Cat. No.		Sayfa Page	Tip Type	Sip.No. Cat. No.		Sayfa Page
KG 2	516 020	K	105	M			
KG 2	516 021	L	105	ME 1-1	496 120	Bej / Beige	107
KG 2	516 022	M	105	ME 1-1	496 129	Gri / Grey	107
KG 2	516 023	N	105	ME 1-2	496 130	Bej / Beige	107
KG 2	516 024	O	105	ME 1-2	496 139	Gri / Grey	107
KG 2	516 025	P	105	ME 2-2	496 140	Bej / Beige	107
KG 2	516 026	Q	105	ME 2-2	496 149	Gri / Grey	107
KG 2	516 027	R	105	ME 3	496 300	Şeffaf / Transparent	107
KG 2	516 030	U	105	MR 32	500 101	Montaj Rayı / Mounting Rail	106
KG 2	516 031	V	105	MR 35x15	500 610	Montaj Rayı / Mounting Rail	106
KG 2	516 032	W	105	MR 35x15	500 611	Montaj Rayı / Mounting Rail (Delikli/Slotted)	106
KG 2	516 033	X	105	MR 35x15	500 612	Montaj Rayı / Mounting Rail	106
KG 2	516 034	Y	105	MR 35x15	500 613	Montaj Rayı / Mounting Rail (Delikli/Slotted)	106
KG 2	516 035	Z	105	MR 35x7,5	500 601	Montaj Rayı / Mounting Rail	106
KG 2	516 040	Mp	105	MR 35x7,5	500 602	Montaj Rayı / Mounting Rail (Delikli/Slotted)	106
KG 2	516 041	S	105	MR 35x7,5	500 603	Montaj Rayı / Mounting Rail	106
KG 2	516 042	T	105	MR 35x7,5	500 604	Montaj Rayı / Mounting Rail (Delikli/Slotted)	106
KG 2	516 043	+	105	MR 35x7,5	500 605	Montaj Rayı / Mounting Rail	106
KG 2	516 044	-	105	MR 35x7,5	500 606	Montaj Rayı / Mounting Rail	106
KG 2	516 045	+	105	MR 35x7,5	500 607	Montaj Rayı / Mounting Rail (Delikli/Slotted)	106
KG 2	516 046	(	105	MR 35x7,5	500 608	Montaj Rayı / Mounting Rail	106
KG 2	516 047	.	105	MR 35x7,5	500 609	Montaj Rayı / Mounting Rail (Delikli/Slotted)	106
KG 2	516 048	/	105	MSB	359 001	5x20mm	52
KG1	515 048	/	105	MSB	359 002	5x25mm	52
KG2	516 000	/	105	MSB	359 020	6,35x31,75 mm.	55
KK1 1/1,5	592 010	Faston Kablo Pabucu (İğne Uçlu) / Insulated Terminal (Pinconnectors)	112	MVK 2,5	304 420	Bej / Beige	40
KK1 1/2,5	592 020	Faston Kablo Pabucu (İğne Uçlu) / Insulated Terminal (Pinconnectors)	112	MVK 2,5	304 422	Yeşil / Green	40
KK1 6	592 030	Faston Kablo Pabucu (İğne Uçlu) / Insulated Terminal (Pinconnectors)	112	MVK 2,5	304 423	Sarı / Yellow	40
KKB 150	466 110	Gri / Grey	25	MVK 2,5	304 424	Kırmızı / Red	40
KKB 240	466 120	Gri / Grey	25	MVK 2,5	304 429	Gri / Grey	40
KKB 95	466 100	Gri / Grey	25	MVK 2,5	305 421	Mavi / Blue	40
KKC 1006	553 021	100x60 (HVD 9.5) KABLO KANALI / Wiring Duct	114	MVK 2,5T	334 420	Topraklama Klemensi / Earth Terminal	41
KKC 1008	553 022	100x80 (HVD 10.5) KABLO KANALI / Wiring Duct	114	MVK 4	304 430	Bej / Beige	41
KKC 1206	553 023	120x60 (HVD 9.6) KABLO KANALI / Wiring Duct	114	MVK 4	304 432	Yeşil / Green	41
KKC 1208	553 024	120x80 (HVD 11) KABLO KANALI / Wiring Duct	114	MVK 4	304 433	Sarı / Yellow	41
KKC 2530	553 010	25x30 (HVD 1) KABLO KANALI / Wiring Duct	114	MVK 4	304 434	Kırmızı / Red	41
KKC 2540	553 011	25x40 (HVD 2) KABLO KANALI / Wiring Duct	114	MVK 4	304 439	Gri / Grey	41
KKC 2560	553 012	25x60 (HVD 6) KABLO KANALI / Wiring Duct	114	MVK 4	305 431	Mavi / Blue	41
KKC 4040	553 013	40x40 (HVD 4) KABLO KANALI / Wiring Duct	114	MVK 4T	334 430	Topraklama Klemensi / Earth Terminal	41
KKC 4060	553 014	40x60 (HVD 7) KABLO KANALI / Wiring Duct	114	MYK 2,5	306 420	Bej / Beige	78
KKC 4080	553 015	40x80 (HVD 9.7) KABLO KANALI / Wiring Duct	114	MYK 2,5	306 429	Gri / Grey	78
KKC 6040	553 016	60x40 (HVD 5) KABLO KANALI / Wiring Duct	114	MYK 2,5 T	336 420	Yeşil / Green	79
KKC 6060	553 017	60x60 (HVD 8) KABLO KANALI / Wiring Duct	114	MYPK 2,5	306 430	Bej / Beige	79
KKC 6080	553 018	60x80 (HVD 9.8) KABLO KANALI / Wiring Duct	114	MYPK 2,5	306 439	Gri / Grey	79
KKC 8060	553 019	80x60 (HVD 9) KABLO KANALI / Wiring Duct	114	MYSK 2,5	306 440	Bej / Beige	79
KKC 8080	553 020	80x80 (HVD 10) KABLO KANALI / Wiring Duct	114	MYSK 2,5	306 449	Gri / Grey	79
KKK 25	553 050	25mm KANAL KAPAGI / Wiring Ducts Cover	114	N			
KKK 40	553 051	40mm KANAL KAPAGI / Wiring Ducts Cover	114	NPP / PYK 2,5	446 442	Yeşil / Green	62
KKK 60	553 052	60mm KANAL KAPAGI / Wiring Ducts Cover	114	NPP / PYK 2,5	446 449	Gri / Grey	62
KKK 80	553 053	80mm KANAL KAPAGI / Wiring Ducts Cover	114	NPP / PYK 2,5 A	446 500	Bej / Beige	72
KKT 2040	553 103	20x40 KABLO TUTUCU / Wiring Retainer	114	NPP / PYK 2,5 A	446 509	Gri / Grey	72
KKT 4040	553 100	40x40 KABLO TUTUCU / Wiring Retainer	114	NPP / PYK 2,5 CCA	446 540	Bej / Beige	73
KKT 4065	553 101	40x65 KABLO TUTUCU / Wiring Retainer	114	NPP / PYK 2,5 CCA	446 549	Gri / Grey	73
KKT 6565	553 102	65x65 KABLO TUTUCU / Wiring Retainer	114	NPP / PYK 4	446 450	Bej / Beige	63
KME-251	597 010	Ek Muflar / Insulated Terminal	113	NPP / PYK 4	446 452	Yeşil / Green	63
KME-252	597 020	Ek Muflar / Insulated Terminal	113	NPP / PYK 4	446 459	Gri / Grey	63
KME-256	597 030	Ek Muflar / Insulated Terminal	113	NPP / PYK 4E	446 550	Bej / Beige	67
KMT-1040	598 010	Faston Kablo Pabucu / Insulated Terminal	113	NPP / PYK 4E	446 559	Gri / Grey	67
KMT-2050	598 020	Faston Kablo Pabucu / Insulated Terminal	113	NPP / PYK 4-2F	446 570	Bej / Beige	67
KMT-5050	598 030	Faston Kablo Pabucu / Insulated Terminal	113	NPP / PYK 4-2F	446 571	Mavi / Blue	67
KPB-1638	596 010	Faston Kablo Pabucu / Insulated Terminal	113	NPP / PYK 4-2F	446 579	Gri / Grey	67
KPB-2638	596 020	Faston Kablo Pabucu / Insulated Terminal	113	NPP / PYK 6	446 460	Bej / Beige	63
KPB-5638	596 030	Faston Kablo Pabucu / Insulated Terminal	113	NPP / PYK 6	446 462	Yeşil / Green	63
KR 1	510 500	Kre_e Rayı / Cable Clamp Rail	106	NPP / PYK 6	446 469	Gri / Grey	63
KT 3 (0,6 x 3,5)	560 030	tornavida / screwdriver - YBK 4	115	NPP / PYK 10	446 470	Bej / Beige	63
KT 3 (0,6 x 3,5)	560 030	tornavida / screwdriver - YBK 4-2F	115	NPP / PYK 10	446 472	Yeşil / Green	63
KT 3 (0,6 x 3,5)	560 030	tornavida / screwdriver - YBK 4T	115	NPP / PYK 10	446 479	Gri / Grey	63
KUB 1	525 100	Kumanda Barası / Busbar	102	NPP / PYK 2,5-2F	446 510	Bej / Beige	66
KUB 1/2	525 101	Kumanda Barası / Busbar	102	NPP / PYK 2,5-2F	446 519	Gri / Grey	66
KUB 2	525 200	Kumanda Barası / Busbar	102	NPP / PYK 2,5-2FT	446 520	Bej / Beige	69
KUB 2/2	525 201	Kumanda Barası / Busbar	102	NPP / PYK 2,5-2FT	446 529	Gri / Grey	69
KUB 3	525 300	Kumanda Barası / Busbar	102	NPP / PYK 2,5-3FT	446 530	Bej / Beige	69
KUB 3	525 350	Kumanda Barası / Busbar	102	NPP / PYK 2,5-3FT	446 539	Gri / Grey	69
KY 0,50/10	571 010	İzolesiz Kablo Yüksükleri / End Sleeves	111	NPP / ASK 2	450 040	ASK 2 (Bej) / ASK 2 (Beige)	52
KY 0,75/10	571 020	İzolesiz Kablo Yüksükleri / End Sleeves	111	NPP / ASK 2	450 049	ASK 2 (Gri) / ASK 2 (Grey)	52
KY 1,0/10	571 030	İzolesiz Kablo Yüksükleri / End Sleeves	111	NPP / ASK 3	450 050	ASK 3 (Bej) / ASK 3 (Beige)	53
KY 1,5/10	571 040	İzolesiz Kablo Yüksükleri / End Sleeves	111	NPP / ASK 3	450 059	ASK 3 (Gri) / ASK 3 (Grey)	53
KY 10/12	571 080	İzolesiz Kablo Yüksükleri / End Sleeves	111	NPP / AVK 16	444 160	AVK16 (Gri) / AVK 16 (Grey)	18
KY 16/12	571 090	İzolesiz Kablo Yüksükleri / End Sleeves	111	NPP / AVK 16	444 161	AVK16 (Mavi) / AVK 16 (Blue)	18
KY 2,5/12	571 050	İzolesiz Kablo Yüksükleri / End Sleeves	111	NPP / AVK 16	444 162	AVK16 (Yeşil) / AVK 16 (Green)	18
KY 4/12	571 060	İzolesiz Kablo Yüksükleri / End Sleeves	111	NPP / AVK 16	444 163	AVK16 (Sarı) / AVK 16 (Yellow)	18
KY 6/12	571 070	İzolesiz Kablo Yüksükleri / End Sleeves	111	NPP / AVK 16	444 164	AVK16 (Kırmızı) / AVK 16 (Red)	18
KYK-1002	590 025	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 16 RD	444 170	Gri / Grey	20
KYK-1006	590 034	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 16 RD	444 171	Mavi / Blue	20
KYK-1206	590 035	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 16 RD	444 172	Yeşil / Green	20
KYK-301	590 010	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 16 RD	444 173	Sarı / Yellow	20
KYK-302	590 020	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 16 RD	444 174	Kırmızı / Red	20
KYK-351	590 011	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 16 RD	444 179	Bej / Beige	20
KYK-401	590 012	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 2,5 CC	444 130	Bej / Beige	30
KYK-402	590 021	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 2,5 CC	444 132	Yeşil / Green	30
KYK-406	590 030	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 2,5 CC	444 139	Gri / Grey	30
KYK-501	590 013	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 2,5-10	444 120	AVK 2,5...10 (Gri) / AVK 2,5...10 (Grey)	18
KYK-502	590 022	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 2,5-10	444 121	AVK 2,5...10 (Mavi) / AVK 2,5...10 (Blue)	18
KYK-506	590 031	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 2,5-10	444 122	AVK 2,5...10 (Yeşil) / AVK 2,5...10 (Green)	18
KYK-601	590 014	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 2,5-10	444 123	AVK 2,5...10 (Sarı) / AVK 2,5...10 (Yellow)	18
KYK-602	590 023	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 2,5-10	444 124	AVK 2,5...10 (Kırmızı) / AVK 2,5...10 (Red)	18
KYK-606	590 032	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 4C	450 170	Bej / Beige	58
KYK-801	590 015	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 4C	450 179	Gri / Grey	58
KYK-802	590 024	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 4FS	450 200	Bej / Beige	53
KYK-806	590 033	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)	112	NPP / AVK 4FS	450 209	Gri / Grey	53

Tip Type	Sip. No. Cat. No.		Sayfa Page	Tip Type	Sip. No. Cat. No.		Sayfa Page
NPP / AVK 4GD	444 149	Bej / Beige	31	NPP-EKI	111 010	WG-EKI (Bej) / WG-EKI (Beige)	61
NPP / AVK 4GD	444 140	Gri / Grey	31	P			
NPP / AYK	450 090	AYK (Bej) / AYK (Beige)	59	PYK 2,5	307 100	Bej / Beige	62
NPP / MVK 2,5-4	444 420	Bej / Beige	40	PYK 2,5	307 101	Mavi / Blue	62
NPP / MVK 2,5-4	444 421	Mavi / Blue	40	PYK 2,5	307 109	Gri / Grey	62
NPP / MVK 2,5-4	444 422	Yeşil / Green	40	PYK 2,5 A	307 160	Bej / Beige	72
NPP / MVK 2,5-4	444 423	Sarı / Yellow	40	PYK 2,5 A	307 169	Gri / Grey	72
NPP / MVK 2,5-4	444 424	Kırmızı / Red	40	PYK 2,5 CCA	307 210	Bej / Beige	73
NPP / MVK 2,5-4	444 429	Gri / Grey	40	PYK 2,5 CCA	307 219	Gri / Grey	73
NPP / PCY	450 190	Bej / Beige	96	PYK 4	307 110	Bej / Beige	63
NPP / PCY	450 191	Mavi / Blue	96	PYK 4	307 111	Mavi / Blue	63
NPP / PCY	450 199	Gri / Grey	96	PYK 4	307 119	Gri / Grey	63
NPP / PEK 16-35	445 170	PEK 16-35 (Bej) / PEK 16-35 (Beige)	37	PYK 4E	307 220	Bej / Beige	67
NPP / PEK 16-35	445 171	PEK 16-35 (Mavi) / PEK 16-35 (Blue)	37	PYK 4E	307 229	Gri / Grey	67
NPP / PEK 16-35	445 172	PEK 16-35 (Yeşil) / PEK 16-35 (Green)	37	PYK 4S (5x20)	307 240	Bej / Beige	70
NPP / PEK 16-35	445 173	PEK 16-35 (Sarı) / PEK 16-35 (Yellow)	37	PYK 4S (5x20)	307 245	Siyah / Black	70
NPP / PEK 16-35	445 174	PEK 16-35 (Kırmızı) / PEK 16-35 (Red)	37	PYK 4S (5x20)	307 249	Gri / Grey	70
NPP / PEK 16-35	445 175	PEK 16-35 (Siyah) / PEK 16-35 (Black)	37	PYK 4SLD 24V DC (5x20)	307 250	Bej / Beige	71
NPP / PEK 16-35	445 176	PEK 16-35 (Beyaz) / PEK 16-35 (White)	37	PYK 4SLD 24V DC (5x20)	307 259	Gri / Grey	71
NPP / PEK 16-35	445 177	PEK 16-35 (Turuncu) / PEK 16-35 (Orange)	37	PYK 4SLD 220V AC (5x20)	307 260	Bej / Beige	71
NPP / PEK 16-35	445 178	PEK 16-35 (Kahve) / PEK 16-35 (Brown)	37	PYK 4SLD 220V AC (5x20)	307 269	Gri / Grey	71
NPP / PEK 2,5 K	445 110	PEK 2,5 K (Bej) / PEK 2,5 K (Beige)	34	PYK 4-2F	307 270	Bej / Beige	67
NPP / PEK 2,5 K	445 111	PEK 2,5 K (Mavi) / PEK 2,5 K (Blue)	34	PYK 4-2F	307 271	Mavi / Blue	67
NPP / PEK 2,5 K	445 112	PEK 2,5 K (Yeşil) / PEK 2,5 K (Green)	34	PYK 4-2F	307 279	Gri / Grey	67
NPP / PEK 2,5 K	445 113	PEK 2,5 K (Sarı) / PEK 2,5 K (Yellow)	34	PYK 4S (5x25)	307 280	Bej / Beige	70
NPP / PEK 2,5 K	445 114	PEK 2,5 K (Kırmızı) / PEK 2,5 K (Red)	34	PYK 4S (5x25)	307 289	Gri / Grey	70
NPP / PEK 2,5 K	445 115	PEK 2,5 K (Siyah) / PEK 2,5 K (Black)	34	PYK 4SLD 24V DC (5x25)	307 290	Bej / Beige	71
NPP / PEK 2,5 K	445 116	PEK 2,5 K (Beyaz) / PEK 2,5 K (White)	34	PYK 4SLD 24V DC (5x25)	307 299	Gri / Grey	71
NPP / PEK 2,5 K	445 117	PEK 2,5 K (Turuncu) / PEK 2,5 K (Orange)	34	PYK 4SLD 220V AC (5x25)	307 300	Bej / Beige	71
NPP / PEK 2,5 K	445 118	PEK 2,5 K (Kahve) / PEK 2,5 K (Brown)	34	PYK 4SLD 220V AC (5x25)	307 309	Gri / Grey	71
NPP / PEK 2,5-10	445 150	PEK 2,5-10 (Bej) / PEK 2,5-10 (Beige)	35	PYK 4I (6,35x31,75)	307 310	Bej / Beige	71
NPP / PEK 2,5-10	445 151	PEK 2,5-10 (Mavi) / PEK 2,5-10 (Blue)	35	PYK 4I (6,35x31,75)	307 319	Gri / Grey	71
NPP / PEK 2,5-10	445 152	PEK 2,5-10 (Yeşil) / PEK 2,5-10 (Green)	35	PYK 4ILD 24V DC (6,35x31,75)	307 320	Bej / Beige	71
NPP / PEK 2,5-10	445 153	PEK 2,5-10 (Sarı) / PEK 2,5-10 (Yellow)	35	PYK 4ILD 24V DC (6,35x31,75)	307 329	Gri / Grey	71
NPP / PEK 2,5-10	445 154	PEK 2,5-10 (Kırmızı) / PEK 2,5-10 (Red)	35	PYK 4ILD 220V AC (6,35x31,75)	307 330	Bej / Beige	71
NPP / PEK 2,5-10	445 155	PEK 2,5-10 (Siyah) / PEK 2,5-10 (Black)	35	PYK 4ILD 220V AC (6,35x31,75)	307 339	Gri / Grey	71
NPP / PEK 2,5-10	445 156	PEK 2,5-10 (Beyaz) / PEK 2,5-10 (White)	35	PYK 6	307 120	Bej / Beige	63
NPP / PEK 2,5-10	445 157	PEK 2,5-10 (Turuncu) / PEK 2,5-10 (Orange)	35	PYK 6	307 129	Gri / Grey	63
NPP / PEK 2,5-10	445 158	PEK 2,5-10 (Kahve) / PEK 2,5-10 (Brown)	35	PYK 10	307 130	Bej / Beige	63
NPP / PK 2,5N - 4N	449 010	PK 2,5N - 4N (Bej) / PK 2,5N - 4N (Beige)	42	PYK 10	307 139	Gri / Grey	63
NPP / PK 2,5N - 4N	449 019	PK 2,5N - 4N (Gri) / PK 2,5N - 4N (Grey)	42	PYK 2,5-2F	307 170	Bej / Beige	66
NPP / PK 4FS	449 020	Bej / Beige	45	PYK 2,5-2F	307 179	Gri / Grey	66
NPP / PK 4FS	449 029	Gri / Grey	45	PYK 2,5-2FT	307 180	Bej / Beige	69
NPP / PUK 2T	450 140	PUK 2T (Bej) / PUK 2T (Beige)	47	PYK 2,5-2FT	307 189	Gri / Grey	69
NPP / PUK 2T	450 149	PUK 2T (Gri) / PUK 2T (Grey)	47	PYK 2,5-3F	307 190	Bej / Beige	68
NPP / PUK 3	450 130	PUK 3 (Bej) / PUK 3 (Beige)	47	PYK 2,5-3F	307 199	Gri / Grey	68
NPP / PUK 3	450 139	PUK 3 (Gri) / PUK 3 (Grey)	47	PYK 2,5-3FT	307 200	Bej / Beige	69
NPP / PUK 3S	450 160	Bej / Beige	48	PYK 2,5-3FT	307 219	Gri / Grey	69
NPP / PUK 3S	450 169	Gri / Grey	48	PYK 2,5-2FK	307 230	Bej / Beige	67
NPP / PUK 3T	450 150	PUK 3T (Bej) / PUK 3T (Beige)	47	PYK 2,5-2FK	307 239	Gri / Grey	67
NPP / PUK 3T	450 159	PUK 3T (Gri) / PUK 3T (Grey)	47	PYK 2,5-2FLD 24V DC	307 240	Bej / Beige	67
NPP / WGO 1	450 100	WGO 1 Bej / WGO 1 Beige	56	PYK 2,5-2FLD 24V DC	307 249	Gri / Grey	67
NPP / WGO 1	450 109	WGO 1 Gri / WGO 1 Grey	56	PYK 2,5-2FLD 220V AC	307 250	Bej / Beige	67
NPP / WGO 2IR	450 240	WGO 2IR (Bej) / WGO 2IR (Beige)	57	PYK 2,5-2FLD 220V AC	307 259	Gri / Grey	67
NPP / WGO 2IR	450 249	WGO 2IR (Gri) / WGO 2IR (Grey)	57	PYK 2,5T	336 500	Yeşil / Green	64
NPP / YBK 10	446 350	YBK 10 (Bej) / YBK 10 (Beige)	75	PYK 4T	336 510	Yeşil / Green	65
NPP / YBK 10	446 351	YBK 10 (Mavi) / YBK 10 (Blue)	75	PYK 6T	336 520	Yeşil / Green	65
NPP / YBK 10	446 352	YBK 10 (Yeşil) / YBK 10 (Green)	75	PYK 10T	336 530	Yeşil / Green	65
NPP / YBK 10	446 353	YBK 10 (Sarı) / YBK 10 (Yellow)	75	PYK Test	498 550	Bej / Beige (PYK 2,5, PYK 2,5A, PYK 2,5CCA, PYK 4, PYK 4E, PYK 6)	62
NPP / YBK 10	446 354	YBK 10 (Kırmızı) / YBK 10 (Red)	75	PYK Test	498 559	Gri / Grey (PYK 2,5, PYK 2,5A, PYK 2,5CCA, PYK 4, PYK 4E, PYK 6)	62
NPP / YBK 10	446 359	YBK 10 (Gri) / YBK 10 (Grey)	75	PYK Test - A	498 650	Bej / Beige (PYK 4, PYK 4E)	63
NPP / YBK 2,5	446 320	YBK 2,5 (Bej) / YBK 2,5 (Beige)	74	PYK Test - A	498 659	Gri / Grey (PYK 4, PYK 4E)	63
NPP / YBK 2,5	446 321	YBK 2,5 (Mavi) / YBK 2,5 (Blue)	74	PCY 2,5	364 010	Bej / Beige	96
NPP / YBK 2,5	446 322	YBK 2,5 (Yeşil) / YBK 2,5 (Green)	74	PCY 2,5	364 019	Gri / Grey	96
NPP / YBK 2,5	446 323	YBK 2,5 (Sarı) / YBK 2,5 (Yellow)	74	PCY 2,5E	364 050	Bej / Beige	97
NPP / YBK 2,5	446 324	YBK 2,5 (Kırmızı) / YBK 2,5 (Red)	74	PCY 2,5E	364 059	Gri / Grey	97
NPP / YBK 2,5	446 329	YBK 2,5 (Gri) / YBK 2,5 (Grey)	74	PCY 2,5EL	364 060	24 VDC Bej / Beige	97
NPP / YBK 2,5-2F	446 290	Bej / Beige	80	PCY 2,5EL	364 069	24 VDC Gri / Grey	97
NPP / YBK 2,5-2F	446 299	Gri / Grey	80	PCY 2,5EL	364 070	110 VAC Bej / Beige	97
NPP / YBK 2,5-2FT	446 290	Bej / Beige	85	PCY 2,5EL	364 079	110 VAC Gri / Grey	97
NPP / YBK 2,5-2FT	446 299	Gri / Grey	85	PCY 2,5EL	364 080	220 VAC Bej / Beige	97
NPP / YBK 2,5-3F	446 240	Bej / Beige	84	PCY 2,5EL	364 089	220 VAC Gri / Grey	97
NPP / YBK 2,5-3F	446 249	Gri / Grey	84	PCY 2,5L	364 020	24 VDC Bej / Beige	97
NPP / YBK 2,5-3FT	446 250	Bej / Beige	85	PCY 2,5L	364 029	24 VDC Gri / Grey	97
NPP / YBK 2,5-3FT	446 259	Gri / Grey	85	PCY 2,5L	364 030	110 VAC Bej / Beige	97
NPP / YBK 2,5A	450 210	Bej / Beige	89	PCY 2,5L	364 039	110 VAC Gri / Grey	97
NPP / YBK 2,5A	450 219	Gri / Grey	89	PCY 2,5L	364 040	220 VAC Bej / Beige	97
NPP / YBK 2,5C	446 270	Bej / Beige	93	PCY 2,5L	364 049	220 VAC Gri / Grey	97
NPP / YBK 2,5C	446 279	Gri / Grey	93	PCY 2,5N	364 011	Mavi / Blue	96
NPP / YBK 2,5CT	446 272	Yeşil / Green	95	PCY IT	423 090	Bej / Beige	96
NPP / YBK 2,5E	446 210	Bej / Beige	92	PCY IT	423 097	Turuncu / Orange	96
NPP / YBK 2,5E	446 219	Gri / Grey	92	PCY IT	423 099	Gri / Grey	96
NPP / YBK 3S	446 280	Bej / Beige	86	PCY NB	525 400	PCY Tip Nötr Barası / Neutral Bus Bar	96
NPP / YBK 3S	446 289	Gri / Grey	86	PEK 10	305 150	Bej / Beige	36
NPP / YBK 4	446 330	YBK 4 (Bej) / YBK 4 (Beige)	75	PEK 10	305 151	Mavi / Blue	36
NPP / YBK 4	446 331	YBK 4 (Mavi) / YBK 4 (Blue)	75	PEK 10	305 152	Yeşil / Green	36
NPP / YBK 4	446 332	YBK 4 (Yeşil) / YBK 4 (Green)	75	PEK 10	305 153	Sarı / Yellow	36
NPP / YBK 4	446 333	YBK 4 (Sarı) / YBK 4 (Yellow)	75	PEK 10	305 154	Kırmızı / Red	36
NPP / YBK 4	446 334	YBK 4 (Kırmızı) / YBK 4 (Red)	75	PEK 10	305 155	Siyah / Black	36
NPP / YBK 4	446 339	YBK 4 (Gri) / YBK 4 (Grey)	75	PEK 10	305 156	Beyaz / White	36
NPP / YBK 4-2F	446 260	Bej / Beige	82	PEK 10	305 157	Turuncu / Orange	36
NPP / YBK 4-2F	446 269	Gri / Grey	82	PEK 10	305 158	Kahve / Brown	36
NPP / YBK 6	446 340	YBK 6 (Bej) / YBK 6 (Beige)	75	PEK 16	305 160	Bej / Beige	37
NPP / YBK 6	446 341	YBK 6 (Mavi) / YBK 6 (Blue)	75	PEK 16	305 161	Mavi / Blue	37
NPP / YBK 6	446 342	YBK 6 (Yeşil) / YBK 6 (Green)	75	PEK 16	305 162	Yeşil / Green	37
NPP / YBK 6	446 343	YBK 6 (Sarı) / YBK 6 (Yellow)	75	PEK 16	305 163	Sarı / Yellow	37
NPP / YBK 6	446 344	YBK 6 (Kırmızı) / YBK 6 (Red)	75	PEK 16	305 164	Kırmızı / Red	37
NPP / YBK 6	446 349	YBK 6 (Gri) / YBK 6 (Grey)	75	PEK 16	305 165	Siyah / Black	37
NPP / YBK S-YBK 1	450 060	Bej / Beige	88	PEK 16	305 166	Beyaz / White	37
NPP / YBK S-YBK 1	450 069	Gri / Grey	88	PEK 16	305 167	Turuncu / Orange	37

Tip Type	Sip. No. Cat. No.	Sayfa Page	Tip Type	Sip. No. Cat. No.	Sayfa Page		
PEK 16	305 168	Kahve / Brown	37	PK 4NLD	319 719	220 VAC Gri / Grey	45
PEK 2.5	305 120	Bej / Beige	35	PK 4NLD	319 720	220 VDC Bej / Beige	45
PEK 2.5	305 121	Mavi / Blue	35	PK 4NLD	319 729	220 VDC Gri / Grey	45
PEK 2.5	305 122	Yeşil / Green	35	PK 4NLD	339 329	24 VDC Gri / Grey	45
PEK 2.5	305 123	Sarı / Yellow	35	PSK 1/12	420 120	Cihaz Sıra Klemensi / Terminal Strip	100
PEK 2.5	305 124	Kırmızı / Red	35	PSK 1/2	420 020	Cihaz Sıra Klemensi / Terminal Strip	100
PEK 2.5	305 125	Siyah / Black	35	PSK 2/10	421 100	Cihaz Sıra Klemensi / Terminal Strip	100
PEK 2.5	305 126	Beyaz / White	35	PSK 2/2	421 020	Cihaz Sıra Klemensi / Terminal Strip	100
PEK 2.5	305 127	Turuncu / Orange	35	PUK 2T	324 200	Bej / Beige	47
PEK 2.5	305 128	Kahve / Brown	35	PUK 2T	324 209	Gri / Grey	47
PEK 2.5 K	305 110	Bej / Beige	34	PUK 3	324 100	Bej / Beige	46
PEK 2.5 K	305 111	Mavi / Blue	34	PUK 3	324 109	Gri / Grey	46
PEK 2.5 K	305 112	Yeşil / Green	34	PUK 3S	324 400	Bej / Beige	48
PEK 2.5 K	305 113	Sarı / Yellow	34	PUK 3S	324 409	Gri / Grey	48
PEK 2.5 K	305 114	Kırmızı / Red	34	PUK 3SLD	324 410	24 VDC NPN Bej / 24 VDC NPN Beige	49
PEK 2.5 K	305 115	Siyah / Black	34	PUK 3SLD	324 419	24 VDC NPN Gri / 24 VDC NPN Grey	49
PEK 2.5 K	305 116	Beyaz / White	34	PUK 3SLD	324 420	24 VDC PNP Bej / 24 VDC PNP Beige	49
PEK 2.5 K	305 117	Turuncu / Orange	34	PUK 3SLD	324 429	24 VDC NPN Gri / 24 VDC NPN Grey	49
PEK 2.5 K	305 118	Kahve / Brown	34	PUK 3T	324 300	Bej / Beige	47
PEK 35	305 170	Bej / Beige	37	PUK 3T	324 309	Gri / Grey	47
PEK 35	305 171	Mavi / Blue	37	R			
PEK 35	305 172	Yeşil / Green	37	RA 10	498 450	Ray Adaptörü (Bej) / Rail Adapter (Beige)	107
PEK 35	305 173	Sarı / Yellow	37	RA 10	498 459	Ray Adaptörü (Gri) / Rail Adapter (Gray)	107
PEK 35	305 174	Kırmızı / Red	37	RR 11	630 110	Kauçuk Rakor / Rubber Gland	114
PEK 35	305 175	Siyah / Black	37	RR 13.5	630 135	Kauçuk Rakor / Rubber Gland	114
PEK 35	305 176	Beyaz / White	37	RR 16	630 160	Kauçuk Rakor / Rubber Gland	114
PEK 35	305 177	Turuncu / Orange	37	RR 21	630 210	Kauçuk Rakor / Rubber Gland	114
PEK 35	305 178	Kahve / Brown	37	RR 29	630 290	Kauçuk Rakor / Rubber Gland	114
PEK 35 I	305 180	Bej / Beige	37	RR 36	630 360	Kauçuk Rakor / Rubber Gland	114
PEK 35 I	305 181	Mavi / Blue	37	RR 42	630 420	Kauçuk Rakor / Rubber Gland	114
PEK 35 I	305 182	Yeşil / Green	37	RT	501 101	Ray Taşıyıcı / Mounting Rail Support	106
PEK 35 I	305 183	Sarı / Yellow	37	S			
PEK 35 I	305 184	Kırmızı / Red	37	SBK16/10	401 162	Bara Klemensi / Clamping Yokes	102
PEK 35 I	305 185	Siyah / Black	37	SBK16/5	401 161	Bara Klemensi / Clamping Yokes	102
PEK 35 I	305 186	Beyaz / White	37	SBK50/10	401 502	Bara Klemensi / Clamping Yokes	102
PEK 35 I	305 187	Turuncu / Orange	37	SBK50/5	401 501	Bara Klemensi / Clamping Yokes	102
PEK 35 I	305 188	Kahve / Brown	37	SK1	430 012		101
PEK 4	305 130	Bej / Beige	35	SK2	430 022		101
PEK 4	305 131	Mavi / Blue	35	SK3	430 032		101
PEK 4	305 132	Yeşil / Green	35	SK4	430 042		101
PEK 4	305 133	Sarı / Yellow	35	SK1	432 012		101
PEK 4	305 134	Kırmızı / Red	35	SK2	432 022		101
PEK 4	305 135	Siyah / Black	35	SK3	432 032		101
PEK 4	305 136	Beyaz / White	35	SK4	432 042		101
PEK 4	305 137	Turuncu / Orange	35	SKK	468 060	Koruma kapağı tutucu plaka (bej) / Holding Plate for cover (beige)	107
PEK 4	305 138	Kahve / Brown	35	SKK	468 069	Koruma kapağı tutucu plaka (Gri) / Holding Plate for cover (Gray)	107
PEK 6	305 140	Bej / Beige	35	T			
PEK 6	305 141	Mavi / Blue	35	TKÖ 2.5/10	476 269	AVK 2.5	18
PEK 6	305 142	Yeşil / Green	35	TKÖ 2.5/2	476 262	AVK 2.5	18
PEK 6	305 143	Sarı / Yellow	35	TKÖ 2.5/3	476 263	AVK 2.5	18
PEK 6	305 144	Kırmızı / Red	35	TKÖ 2.5/4	476 264	AVK 2.5	18
PEK 6	305 145	Siyah / Black	35	TKÖ 4/10	476 279	AVK 4	19
PEK 6	305 146	Beyaz / White	35	TKÖ 4/2	476 272	AVK 4	19
PEK 6	305 147	Turuncu / Orange	35	TKÖ 4/3	476 273	AVK 4	19
PEK 6	305 148	Kahve / Brown	35	TKÖ 4/4	476 274	AVK 4	19
PK 2.5 N	317 100	Bej / Beige	42	TKÖ 6/10	476 289	AVK 6/ WGO1/ WGO3/ WGL	19
PK 2.5 N	317 109	Gri / Grey	42	TKÖ 6/2	476 282	AVK 6/ WGO1/ WGO3/ WGL	19
PK 2.5 ND	317 210	Bej / Beige	43	TKÖ 6/3	476 283	AVK 6/ WGO1/ WGO3/ WGL	19
PK 2.5 ND	317 219	Gri / Grey	43	TKÖ 6/4	476 284	AVK 6/ WGO1/ WGO3/ WGL	19
PK 2.5 ND	317 220	Bej / Beige	43	TRV 10	422 030	Bej / Beige	99
PK 2.5 ND	317 229	Gri / Grey	43	TRV 10	422 037	Turuncu / Orange	99
PK 2.5 NK	317 120	Bej / Beige	43	TRV 10	422 039	Gri / Grey	99
PK 2.5 NK	317 129	Gri / Grey	43	TRV 4	422 010	Bej / Beige	98
PK 2.5 NLD	317 310	24 VAC Bej / Beige	43	TRV 4	422 017	Turuncu / Orange	98
PK 2.5 NLD	317 319	24 VAC Gri / Grey	43	TRV 4	422 019	Gri / Grey	98
PK 2.5 NLD	317 320	24 VDC Bej / Beige	43	TRV 4 T	422 060	Sarı - Yeşil / Yellow - Green	98
PK 2.5 NLD	317 329	24 VDC Gri / Grey	43	TRV 4B	422 050	Bej / Beige	98
PK 2.5 NLD	317 410	48 VAC Bej / Beige	43	TRV 4B	422 057	Turuncu / Orange	98
PK 2.5 NLD	317 419	48 VAC Gri / Grey	43	TRV 4B	422 059	Gri / Grey	98
PK 2.5 NLD	317 420	48 VDC Bej / Beige	43	TRV 4M	422 040	Bej / Beige	98
PK 2.5 NLD	317 429	48 VDC Gri / Grey	43	TRV 4M	422 047	Turuncu / Orange	98
PK 2.5 NLD	317 610	110 VAC Bej / Beige	43	TRV 4M	422 049	Gri / Grey	98
PK 2.5 NLD	317 619	110 VAC Gri / Grey	43	TRV 4S	422 020	Bej / Beige	99
PK 2.5 NLD	317 620	110 VDC Bej / Beige	43	TRV 4S	422 027	Turuncu / Orange	99
PK 2.5 NLD	317 629	110 VDC Gri / Grey	43	TRV 4S	422 029	Gri / Grey	99
PK 2.5 NLD	317 710	220 VAC Bej / Beige	43	TSK 1 (02)	490 010	Test Fişi / Test Plung Socket	18
PK 2.5 NLD	317 719	220 VAC Gri / Grey	43	TSK 2 (02)	490 020	Test Fişi / Test Plung Socket	34
PK 2.5 NLD	317 720	220 VDC Bej / Beige	43	TSK 3 (02.3)	490 030	Test Fişi / Test Plung Socket	18
PK 4 FS	319 800	Bej / Beige	45	TSK 4 (02.3)	490 040	Test Fişi / Test Plung Socket	19
PK 4 FS	319 809	Gri / Grey	45	TSK 4 (04)	493 050	Test Fişi / Test Plung Socket	57
PK 4N	319 100	Bej / Beige	44	TSK 7 (04)	490 070	Test Fişi / Test Plung Socket	19
PK 4N	319 109	Gri / Grey	44	TSK 8 (04)	490 080	Test Fişi / Test Plung Socket	18
PK 4ND	319 210	Bej / Beige	45	TSK 9 (04)	490 090	Test Fişi / Test Plung Socket	18
PK 4ND	319 219	Gri / Grey	45	U			
PK 4ND	319 220	Bej / Beige	45	UK 10/10	474 159	AVK 10	19
PK 4ND	319 229	Gri / Grey	45	UK 10/10	475 159	PEK 10	36
PK 4NK	319 120	Bej / Beige	45	UK 10/10	476 259	YBK 10	75
PK 4NK	319 129	Gri / Grey	45	UK 10/2	474 152	AVK 10	19
PK 4NLD	319 310	24 VAC Bej / Beige	45	UK 10/2	475 152	PEK 10	36
PK 4NLD	319 319	24 VAC Gri / Grey	45	UK 10/2	476 252	YBK 10	75
PK 4NLD	319 320	24 VDC Bej / Beige	45	UK 10/3	474 153	AVK 10	19
PK 4NLD	319 410	48 VAC Bej / Beige	45	UK 10/3	475 153	PEK 10	36
PK 4NLD	319 419	48 VAC Gri / Grey	45	UK 10/3	476 253	YBK 10	75
PK 4NLD	319 420	48 VDC Bej / Beige	45	UK 10/4	474 154	AVK 10	19
PK 4NLD	319 429	48 VDC Gri / Grey	45	UK 10/4	475 154	PEK 10	36
PK 4NLD	319 610	110 VAC Bej / Beige	45	UK 10/4	476 254	YBK 10	75
PK 4NLD	319 619	110 VAC Gri / Grey	45	UK 16/10	474 169	AVK 16	19
PK 4NLD	319 620	110 VDC Bej / Beige	45	UK 16/10	475 169	PEK 16	37
PK 4NLD	319 629	110 VDC Gri / Grey	45	UK 16/2	474 162	AVK 16	19
PK 4NLD	319 710	220 VAC Bej / Beige	45	UK 16/2	475 162	PEK 16	37

Tip Type	Sip. No. Cat. No.	Sayfa Page	Tip Type	Sip. No. Cat. No.	Sayfa Page
UK 16/3	474 163 AVK 16	19	WG-EKI	110 070 Ters Akım Koruma / Reverse Current Protection	60
UK 16/3	475 163 PEK 16	37	WG-EKI	110 080 Ters Akım Koruma / Reverse Current Protection	60
UK 16/4	474 164 AVK 16	19	WG-EKI	110 090 Lamba Test / Lamp/Test Circuit	60
UK 16/4	475 164 PEK 16	37	WG-EKI	110 100 Lamba Test / Lamp/Test Circuit	60
UK 2,5/10	474 129 AVK 2,5	18	WG-EKI	110 110 Lamba Test / Lamp/Test Circuit	60
UK 2,5/10	475 129 PEK 2,5	35	WG-EKI	110 120 24 V	60
UK 2,5/10	476 229 YBK 2,5, MVK 2,5	74	WG-EKI	110 130 24 V	60
UK 2,5/10	480 139 PUK 3, PUK 2T, PUK 3T	46	WG-EKI	110 140 24 VDC	60
UK 2,5/2	474 122 AVK 2,5	18	WG-EKI	110 150 110 VDC	60
UK 2,5/2	475 122 PEK 2,5	35	WG-EKI	110 160 220 VDC	60
UK 2,5/2	476 222 YBK 2,5, MVK 2,5	74	WG-EKI	110 170 24 VDC	60
UK 2,5/2	480 132 PUK 3, PUK 2T, PUK 3T	46	WG-EKI	110 180 110 VDC	60
UK 2,5/3	474 123 AVK 2,5	18	WG-EKI	110 190 220 VDC	60
UK 2,5/3	475 123 PEK 2,5	35	WG-EKI	110 200 24 VDC	60
UK 2,5/3	476 223 YBK 2,5, MVK 2,5	74	WG-EKI	110 210 24 VDC	60
UK 2,5/3	480 133 PUK 3, PUK 2T, PUK 3T	46	WG-EKI	110 220 30 V	60
UK 2,5/4	474 124 AVK 2,5	18	WG-EKI	110 230 60 V	60
UK 2,5/4	475 124 PEK 2,5	35	WG-EKI	110 240 75 V	60
UK 2,5/4	476 224 YBK 2,5, MVK 2,5	74	WG-EKI	110 250 130 V	60
UK 2,5/4	480 134 PUK 3, PUK 2T, PUK 3T	46	WG-EKI	110 260 275 V	60
UK 2,5K/2	475 112 PEK 2,5K	34	WG-EKI	110 270 24 VAC	60
UK 2,5K/2	475 113 PEK 2,5K	34	WG-EKI	110 280 48 VAC	60
UK 2,5K/2	475 114 PEK 2,5K	34	WG-EKI	110 290 110 VAC	60
UK 2,5K/2	475 119 PEK 2,5K	34	WG-EKI	110 300 220 VAC	60
UK 35/10	474 179 AVK 35	21	WG-EKI	110 310 24 VAC	60
UK 35/10	475 179 PEK 35	37	WG-EKI	110 320 110 VAC	60
UK 35/2	474 172 AVK 35	21	WG-EKI	110 330 220 VAC	60
UK 35/2	475 172 PEK 35	37	WG-EKI	110 340 DC	60
UK 35/3	474 173 AVK 35	21	WG-EKI	110 350 24 VAC	60
UK 35/3	475 173 PEK 35	37	WG-EKI	110 360 48 VAC	60
UK 35/4	474 174 AVK 35	21	WG-EKI	110 370 60 VDC	60
UK 35/4	475 174 PEK 35	37	WG-EKI	110 380 Köprülü Klemens / Terminal With Cross Connection	60
UK 4/10	474 139 AVK 4 / PIK 4N	19	WG-EKI	110 390 Boş Karlı Klemens / With a Printed Circuit Card Only	60
UK 4/10	475 139 PEK 4	35	WGL	375 700 WGL 1 BEJ KOVANSIZ	57
UK 4/10	476 239 YBK 4, MVK4	75	WGL	375 701 WGL 1 BEJ TEK KOVANLI	57
UK 4/10	480 149 AVK 4C	58	WGL	375 790 WGL 1 GRI KOVANSIZ	57
UK 4/2	474 132 AVK 4 / PIK 4N	19	WGL	375 791 WGL 1 GRI TEK KOVANLI	57
UK 4/2	475 132 PEK 4	35	WGO 1	370 500 Bej / Beige Kovansiz/Without Test Socket	56
UK 4/2	476 232 YBK 4, MVK4	75	WGO 1	370 501 Bej / Beige Tek Kovanli/One Test Socket	56
UK 4/2	480 142 AVK 4C	58	WGO 1	370 502 Bej / Beige Çift Kovanli/Double Test Socket	56
UK 4/3	474 133 AVK 4 / PIK 4N	19	WGO 1	370 590 Gri / Grey Kovansiz/Without Test Socket	56
UK 4/3	474 133 AVK 4 / PIK 4N	19	WGO 1	370 591 Gri / Grey Tek Kovanli/One Test Socket	56
UK 4/3	475 133 PEK 4	35	WGO 1	370 592 Gri / Grey Çift Kovanli/Double Test Socket	66
UK 4/3	475 133 PEK 4	35	WGO 2/R	375 900 Bej / Beige	57
UK 4/3	476 233 YBK 4, MVK4	75	WGO 2/R	375 909 Gri / Grey	57
UK 4/3	476 233 YBK 4, MVK4	75	WGO 2N	375 800 Bej / Beige Kovansiz/Without Socket	57
UK 4/3	480 142 AVK 4C	58	WGO 2N	375 801 Bej / Beige Tek Kovanli/One Socket	57
UK 4/3	480 143 AVK 4C	58	WGO 2N	375 802 Bej / Beige Çift Kovanli/Double Socket	57
UK 4/4	474 134 AVK 4 / PIK 4N	19	WGO 2N	375 803 Bej / Beige Tek Test Kovanli/One Test Socket	57
UK 4/4	475 134 PEK 4	35	WGO 2N	375 804 Bej / Beige Çift Kovanli/Double Socket	57
UK 4/4	476 234 YBK 4, MVK4	75	WGO 2N	375 890 Gri / Grey Kovansiz/Without Socket	57
UK 4/4	480 144 AVK 4C	58	WGO 2N	375 891 Gri / Grey Tek Kovanli/One Socket	57
UK 50/2	478 332 AVK 50	22	WGO 2N	375 892 Gri / Grey Çift Test Kovanli/Double Test Socket	57
UK 50/2	478 332 AVK 50	22	WGO 2N	375 893 Gri / Grey Tek Test Kovanli/One Test Socket	57
UK 50/3	478 333 AVK 50	22	WGO 2N	375 894 Gri / Grey Çift Kovanli/Double Socket	57
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304 212	AVK 4 RD	Yeşil / Green	31	305 162	PEK 16	Yeşil / Green	37
304 213	AVK 4 RD	Sarı / Yellow	31	305 163	PEK 16	Sarı / Yellow	37
304 214	AVK 4 RD	Kırmızı / Red	31	305 164	PEK 16	Kırmızı / Red	37
304 215	AVK 4 RD	Siyah / Black	31	305 165	PEK 16	Siyah / Black	37
304 216	AVK 4 RD	Beyaz / White	31	305 166	PEK 16	Beyaz / White	37
304 217	AVK 4 RD	Turuncu / Orange	31	305 167	PEK 16	Turuncu / Orange	37
304 218	AVK 4 RD	Kahve / Brown	31	305 168	PEK 16	Kahve / Brown	37
304 219	AVK 4 RD	Bej / Beige	31	305 170	PEK 35	Bej / Beige	37
304 240	AVK 16 RD	Gri / Grey	20	305 171	PEK 35	Mavi / Blue	37
304 241	AVK 16 RD	Mavi / Blue	20	305 172	PEK 35	Yeşil / Green	37
304 242	AVK 16 RD	Yeşil / Green	20	305 173	PEK 35	Sarı / Yellow	37
304 243	AVK 16 RD	Sarı / Yellow	20	305 174	PEK 35	Kırmızı / Red	37

Sip. No. Cat. No.	Tip Type	Sayfa Page	Sip. No. Cat. No.	Tip Type	Sayfa Page		
305 175	PEK 35	Siyah / Black	37	316 129	YBK 2.5 - 2FK	Gri / Grey	81
305 176	PEK 35	Beyaz / White	37	316 210	YBK 2.5 - 2FD	Bej / Beige	81
305 177	PEK 35	Turunçu / Orange	37	316 219	YBK 2.5 - 2FD	Gri / Grey	81
305 178	PEK 35	Kahve / Brown	37	316 220	YBK 2.5 - 2FD	Bej / Beige	81
305 180	PEK 35 I	Bej / Beige	37	316 229	YBK 2.5 - 2FD	Gri / Grey	81
305 181	PEK 35 I	Mavi / Blue	37	316 310	YBK 2.5-2FLD	24VAC Bej / Beige	81
305 182	PEK 35 I	Yeşil / Green	37	316 319	YBK 2.5-2FLD	24VAC Gri / Grey	81
305 183	PEK 35 I	San / Yellow	37	316 320	YBK 2.5-2FLD	24VDC Bej / Beige	81
305 184	PEK 35 I	Kırmızı / Red	37	316 329	YBK 2.5-2FLD	24VDC Gri / Grey	81
305 185	PEK 35 I	Siyah / Black	37	316 410	YBK 2.5-2FLD	48VAC Bej / Beige	81
305 186	PEK 35 I	Beyaz / White	37	316 419	YBK 2.5-2FLD	48VAC Gri / Grey	81
305 187	PEK 35 I	Turunçu / Orange	37	316 420	YBK 2.5-2FLD	48VDC Bej / Beige	81
305 188	PEK 35 I	Kahve / Brown	37	316 429	YBK 2.5-2FLD	48VDC Gri / Grey	81
305 421	MVK 2.5	Mavi / Blue	40	316 610	YBK 2.5-2FLD	110VAC Bej / Beige	81
305 431	MVK 4	Mavi / Blue	41	316 619	YBK 2.5-2FLD	110VAC Gri / Grey	81
306 220	YBK 2.5	Bej / Beige	74	316 620	YBK 2.5-2FLD	110VDC Bej / Beige	81
306 221	YBK 2.5	Mavi / Blue	74	316 629	YBK 2.5-2FLD	110VDC Gri / Grey	81
306 222	YBK 2.5	Yeşil / Green	74	316 710	YBK 2.5-2FLD	220VAC Bej / Beige	81
306 223	YBK 2.5	San / Yellow	74	316 719	YBK 2.5-2FLD	220VAC Gri / Grey	81
306 224	YBK 2.5	Kırmızı / Red	74	316 720	YBK 2.5-2FLD	220VDC Bej / Beige	81
306 229	YBK 2.5	Gri / Grey	74	316 729	YBK 2.5-2FLD	220VDC Gri / Grey	81
306 230	YBK 4	Bej / Beige	75	317 100	PIK 2.5 N	Bej / Beige	42
306 231	YBK 4	Mavi / Blue	75	317 109	PIK 2.5 N	Gri / Grey	42
306 232	YBK 4	Yeşil / Green	75	317 120	PIK 2.5 NK	Bej / Beige	43
306 233	YBK 4	San / Yellow	75	317 129	PIK 2.5 NK	Gri / Grey	43
306 234	YBK 4	Kırmızı / Red	75	317 210	PIK 2.5 ND	Bej / Beige	43
306 239	YBK 4	Gri / Grey	75	317 219	PIK 2.5 ND	Gri / Grey	43
306 240	YBK 6	Bej / Beige	75	317 220	PIK 2.5 ND	Bej / Beige	43
306 241	YBK 6	Mavi / Blue	75	317 229	PIK 2.5 ND	Gri / Grey	43
306 242	YBK 6	Yeşil / Green	75	317 310	PIK 2.5 NLD	24 VAC Bej / Beige	43
306 243	YBK 6	San / Yellow	75	317 319	PIK 2.5 NLD	24 VAC Gri / Grey	43
306 244	YBK 6	Kırmızı / Red	75	317 320	PIK 2.5 NLD	24 VDC Bej / Beige	43
306 249	YBK 6	Gri / Grey	75	317 329	PIK 2.5 NLD	24 VDC Gri / Grey	43
306 250	YBK 10	Bej / Beige	75	317 410	PIK 2.5 NLD	48 VAC Bej / Beige	43
306 251	YBK 10	Mavi / Blue	75	317 419	PIK 2.5 NLD	48 VAC Gri / Grey	43
306 252	YBK 10	Yeşil / Green	75	317 420	PIK 2.5 NLD	48 VDC Bej / Beige	43
306 253	YBK 10	San / Yellow	75	317 429	PIK 2.5 NLD	48 VDC Gri / Grey	43
306 254	YBK 10	Kırmızı / Red	75	317 610	PIK 2.5 NLD	110 VAC Bej / Beige	43
306 259	YBK 10	Gri / Grey	75	317 619	PIK 2.5 NLD	110 VAC Gri / Grey	43
306 420	MYK 2.5	Bej / Beige	78	317 620	PIK 2.5 NLD	110 VDC Bej / Beige	43
306 429	MYK 2.5	Gri / Grey	78	317 629	PIK 2.5 NLD	110 VDC Gri / Grey	43
306 430	MYPK 2.5	Bej / Beige	79	317 710	PIK 2.5 NLD	220 VAC Bej / Beige	43
306 439	MYPK 2.5	Gri / Grey	79	317 719	PIK 2.5 NLD	220 VAC Gri / Grey	43
306 440	MYSK 2.5	Bej / Beige	79	317 720	PIK 2.5 NLD	220 VDC Bej / Beige	43
306 449	MYSK 2.5	Gri / Grey	79	318 100	YBK 4 - 2 F	Bej / Beige	82
307 100	PYK 2.5	Bej / Beige	62	318 109	YBK 4 - 2 F	Gri / Grey	82
307 101	PYK 2.5	Mavi / Blue	62	318 120	YBK 4 - 2 FK	Bej / Beige	83
307 109	PYK 2.5	Gri / Grey	62	318 129	YBK 4 - 2 FK	Gri / Grey	83
307 110	PYK 4	Bej / Beige	63	318 210	YBK 4 - 2 FD	Bej / Beige	83
307 111	PYK 4	Mavi / Blue	63	318 219	YBK 4 - 2 FD	Gri / Grey	83
307 119	PYK 4	Gri / Grey	63	318 220	YBK 4 - 2 FD	Bej / Beige	83
307 120	PYK 6	Bej / Beige	63	318 229	YBK 4 - 2 FD	Gri / Grey	83
307 129	PYK 6	Gri / Grey	63	318 310	YBK 4 - 2 FLD	24 VAC Bej / Beige	83
307 130	PYK 10	Bej / Beige	63	318 319	YBK 4 - 2 FLD	24 VAC Gri / Grey	83
307 139	PYK 10	Gri / Grey	63	318 320	YBK 4 - 2 FLD	24 VDC Bej / Beige	83
307 160	PYK 2.5 A	Bej / Beige	72	318 329	YBK 4 - 2 FLD	24 VDC Gri / Grey	83
307 169	PYK 2.5 A	Gri / Grey	72	318 410	YBK 4 - 2 FLD	48 VAC Bej / Beige	83
307 170	PYK 2.5-2F	Bej / Beige	66	318 419	YBK 4 - 2 FLD	48 VAC Gri / Grey	83
307 179	PYK 2.5-2F	Gri / Grey	66	318 420	YBK 4 - 2 FLD	48 VDC Bej / Beige	83
307 180	PYK 2.5-2FT	Bej / Beige	69	318 429	YBK 4 - 2 FLD	48 VDC Gri / Grey	83
307 189	PYK 2.5-2FT	Gri / Grey	69	318 610	YBK 4 - 2 FLD	110 VAC Bej / Bej	83
307 190	PYK 2.5-3F	Bej / Beige	68	318 619	YBK 4 - 2 FLD	110 VAC Gri / Grey	83
307 199	PYK 2.5-3F	Gri / Grey	68	318 620	YBK 4 - 2 FLD	110 VDC Bej / Beige	83
307 200	PYK 2.5-3FT	Bej / Beige	69	318 629	YBK 4 - 2 FLD	110 VDC Gri / Grey	83
307 210	PYK 2.5 CCA	Bej / Beige	73	318 710	YBK 4 - 2 FLD	220 VAC Bej / Beige	83
307 219	PYK 2.5 CCA	Gri / Grey	73	318 719	YBK 4 - 2 FLD	220 VAC Gri / Grey	83
307 219	PYK 2.5-3FT	Gri / Grey	69	318 720	YBK 4 - 2 FLD	220 VDC Bej / Beige	83
307 220	PYK 4E	Bej / Beige	67	318 729	YBK 4 - 2 FLD	220 VDC Gri / Grey	83
307 229	PYK 4E	Gri / Grey	67	319 100	PIK 4N	Bej / Beige	44
307 230	PYK 2.5-2FK	Bej / Beige	67	319 109	PIK 4N	Gri / Grey	44
307 239	PYK 2.5-2FK	Gri / Grey	67	319 120	PIK 4NK	Bej / Beige	45
307 240	PYK 4S (5x20)	Bej / Beige	70	319 129	PIK 4NK	Gri / Grey	45
307 240	PYK 2.5-2FLD 24V DC	Bej / Beige	67	319 210	PIK 4ND	Bej / Beige	45
307 245	PYK 4S (5x20)	Siyah / Black	70	319 219	PIK 4ND	Gri / Grey	45
307 249	PYK 4S (5x20)	Gri / Grey	70	319 220	PIK 4ND	Bej / Beige	45
307 249	PYK 2.5-2FLD 24V DC	Gri / Grey	67	319 229	PIK 4ND	Gri / Grey	45
307 250	PYK 4SLD 24V DC (5x20)	Bej / Beige	71	319 310	PIK 4NLD	24 VAC Bej / Beige	45
307 250	PYK 2.5-2FLD 220V AC	Bej / Beige	67	319 319	PIK 4NLD	24 VAC Gri / Grey	45
307 259	PYK 4SLD 24V DC (5x20)	Gri / Grey	71	319 320	PIK 4NLD	24 VDC Bej / Beige	45
307 259	PYK 2.5-2FLD 220V AC	Gri / Grey	67	319 410	PIK 4NLD	48 VAC Bej / Beige	45
307 260	PYK 4SLD 220V AC (5x20)	Bej / Beige	71	319 419	PIK 4NLD	48 VAC Gri / Grey	45
307 269	PYK 4SLD 220V AC (5x20)	Gri / Grey	71	319 420	PIK 4NLD	48 VDC Bej / Beige	45
307 270	PYK 4-2F	Bej / Beige	67	319 429	PIK 4NLD	48 VDC Gri / Grey	45
307 271	PYK 4-2F	Mavi / Blue	67	319 610	PIK 4NLD	110 VAC Bej / Beige	45
307 279	PYK 4-2F	Gri / Grey	67	319 619	PIK 4NLD	110 VAC Gri / Grey	45
307 280	PYK 4S (5x25)	Bej / Beige	70	319 620	PIK 4NLD	110 VDC Bej / Beige	45
307 289	PYK 4S (5x25)	Gri / Grey	70	319 629	PIK 4NLD	110 VDC Gri / Grey	45
307 290	PYK 4SLD 24V DC (5x25)	Bej / Beige	71	319 710	PIK 4NLD	220 VAC Bej / Beige	45
307 299	PYK 4SLD 24V DC (5x25)	Gri / Grey	71	319 719	PIK 4NLD	220 VAC Gri / Grey	45
307 300	PYK 4SLD 220V AC (5x25)	Bej / Beige	71	319 720	PIK 4NLD	220 VDC Bej / Beige	45
307 309	PYK 4SLD 220V AC (5x25)	Gri / Grey	71	319 729	PIK 4NLD	220 VDC Gri / Grey	45
307 310	PYK 4I (6.35x31.75)	Bej / Beige	71	319 800	PIK 4 FS	Bej / Beige	45
307 319	PYK 4I (6.35x31.75)	Gri / Grey	71	319 809	PIK 4 FS	Gri / Grey	45
307 320	PYK 4ILD 24V DC (6.35x31.75)	Bej / Beige	71	324 100	PUK 3	Bej / Beige	46
307 329	PYK 4ILD 24V DC (6.35x31.75)	Gri / Grey	71	324 109	PUK 3	Gri / Grey	46
307 330	PYK 4ILD 220V AC (6.35x31.75)	Bej / Beige	71	324 200	PUK 2T	Bej / Beige	47
307 339	PYK 4ILD 220V AC (6.35x31.75)	Gri / Grey	71	324 209	PUK 2T	Gri / Grey	47
316 100	YBK 2.5-2F	Bej / Beige	80	324 300	PUK 3T	Bej / Beige	47
316 109	YBK 2.5-2F	Gri / Grey	80	324 309	PUK 3T	Gri / Grey	47
316 120	YBK 2.5 - 2FK	Bej / Beige	81	324 400	PUK 3S	Bej / Beige	48

Sip. No. Cat. No.	Tip Type	Sayfa Page	Sip. No. Cat. No.	Tip Type	Sayfa Page		
324 409	PUK 3S	Gri / Grey	48	351 759	ASK 4LD	110 VAC Gri / Grey	55
324 410	PUK 3SLD	24 VDC NPN Bej / 24 VDC NPN Beige	49	351 760	ASK 4LD	110 VDC Bej / Beige	55
324 419	PUK 3SLD	24 VDC NPN Gri / 24 VDC NPN Grey	49	351 769	ASK 4LD	110 VDC Gri / Grey	55
324 420	PUK 3SLD	24 VDC PNP Bej / 24 VDC PNP Beige	49	351 770	ASK 4LD	220 VAC Bej / Beige	55
324 429	PUK 3SLD	24 VDC NPN Gri / 24 VDC NPN Grey	49	351 779	ASK 4LD	220 VAC Gri / Grey	55
324 500	YBK 2,5 - 3 F	Bej / Beige	84	351 780	ASK 4LD	220 VDC Bej / Beige	55
324 509	YBK 2,5 - 3 F	Gri / Grey	84	351 789	ASK 4LD	220 VDC Gri / Grey	55
324 600	YBK 2,5 - 3 FT	Bej / Beige	86	353 100	ASK 3A	Bej / Beige	50
324 609	YBK 2,5 - 3 FT	Gri / Grey	86	353 109	ASK 3A	Gri / Grey	50
324 700	YBK 3S	Bej / Beige	86	353 200	YBK 2,5A	Bej / Beige	89
324 709	YBK 3S	Gri / Grey	86	353 209	YBK 2,5A	Gri / Grey	89
324 710	YBK 3SLD	24 VDC Bej / Beige (NPN)	87	353 300	AVK 4FS	Bej / Beige	53
324 719	YBK 3SLD	24 VDC Gri / Grey (NPN)	87	353 309	AVK 4FS	Gri / Grey	53
324 720	YBK 3SLD	24 VDC Bej / Beige (PNP)	87	354 100	ASK 3F	Bej / Beige	54
324 729	YBK 3SLD	24 VDC Gri / Grey (PNP)	87	354 109	ASK 3F	Gri / Grey	54
324 800	YBK 2,5-2FT	Bej / Beige	85	354 210	ASK 3FLD	24 VAC Bej / Beige	54
324 809	YBK 2,5-2FT	Gri / Grey	85	354 219	ASK 3FLD	24 VAC Gri / Grey	54
324 900	AVK 2,5 CC	Bej / Beige	31	354 220	ASK 3FLD	24 VDC Bej / Beige	54
324 909	AVK 2,5 CC	Gri / Grey	31	354 229	ASK 3FLD	24 VDC Gri / Grey	54
325 100	AVK 4C	Bej / Beige	58	354 310	ASK 3FLD	48 VAC Bej / Beige	54
325 109	AVK 4C	Gri / Grey	58	354 319	ASK 3FLD	48 VAC Gri / Grey	54
326 050	YBK 2,5E	Bej / Beige	92	354 320	ASK 3FLD	48 VDC Bej / Beige	54
326 059	YBK 2,5E	Gri / Grey	92	354 329	ASK 3FLD	48 VDC Gri / Grey	54
326 100	YBK 2,5C	Bej / Beige	93	354 510	ASK 3FLD	110 VAC Bej / Beige	54
326 109	YBK 2,5C	Gri / Grey	93	354 519	ASK 3FLD	110 VAC Gri / Grey	54
326 200	YBK 2,5Cx2	Bej / Beige	93	354 520	ASK 3FLD	110 VDC Bej / Beige	54
326 209	YBK 2,5Cx2	Gri / Grey	93	354 529	ASK 3FLD	110 VDC Gri / Grey	54
326 210	YBK 2,5CD	Bej / Beige	94	354 610	ASK 3FLD	220 VAC Bej / Beige	54
326 219	YBK 2,5CD	Gri / Grey	94	354 619	ASK 3FLD	220 VAC Gri / Grey	54
326 310	YBK 2,5CLD	24 VAC Bej / Beige	95	354 620	ASK 3FLD	220 VDC Bej / Beige	54
326 319	YBK 2,5CLD	24 VAC Gri / Grey	95	354 629	ASK 3FLD	220 VDC Gri / Grey	54
326 320	YBK 2,5CLD	24 VDC Bej / Beige	95	355 100	ASK 3M	Bej / Beige	53
326 329	YBK 2,5CLD	24 VDC Gri / Grey	95	355 109	ASK 3M	Gri / Grey	53
326 410	YBK 2,5CLD	48 VAC Bej / Beige	95	355 110	YBK S	Bej / Beige	88
326 419	YBK 2,5CLD	48 VAC Gri / Grey	95	355 119	YBK S	Gri / Grey	88
326 420	YBK 2,5CLD	48 VDC Bej / Beige	95	355 120	YBK I	Bej / Beige	90
326 429	YBK 2,5CLD	48 VDC Gri / Grey	95	355 129	YBK I	Gri / Grey	90
326 610	YBK 2,5CLD	110 VAC Bej / Beige	95	355 210	ASK 3MLD	24 VAC Bej / Beige	53
326 619	YBK 2,5CLD	110 VAC Gri / Grey	95	355 219	ASK 3MLD	24 VAC Gri / Grey	53
326 620	YBK 2,5CLD	110 VDC Bej / Beige	95	355 220	ASK 3MLD	24 VDC Bej / Beige	53
326 629	YBK 2,5CLD	110 VDC Gri / Grey	95	355 229	ASK 3MLD	24 VDC Gri / Grey	53
326 710	YBK 2,5CLD	220 VAC Bej / Beige	95	355 310	ASK 3MLD	48 VAC Bej / Beige	53
326 719	YBK 2,5CLD	220 VAC Gri / Grey	95	355 319	ASK 3MLD	48 VAC Gri / Grey	53
326 720	YBK 2,5CLD	220 VDC Bej / Beige	95	355 320	ASK 3MLD	48 VDC Bej / Beige	53
326 729	YBK 2,5CLD	220 VDC Gri / Grey	95	355 329	ASK 3MLD	48 VDC Gri / Grey	53
331 120	WGT 2,5	Topraklama Klemensi / Earth Terminal	38	355 510	ASK 3MLD	110 VAC Bej / Beige	53
331 130	WGT 4	Topraklama Klemensi / Earth Terminal	39	355 519	ASK 3MLD	110 VAC Gri / Grey	53
331 140	WGT 6	Topraklama Klemensi / Earth Terminal	39	355 520	ASK 3MLD	110 VDC Bej / Beige	53
331 150	WGT 10	Topraklama Klemensi / Earth Terminal	39	355 529	ASK 3MLD	110 VDC Gri / Grey	53
334 120	AVK 2,5/4T	Topraklama Klemensi / Earth Terminal	26	355 610	ASK 3MLD	220 VAC Bej / Beige	53
334 140	AVK 6/10T	Topraklama Klemensi / Earth Terminal	27	355 619	ASK 3MLD	220 VAC Gri / Grey	53
334 170	AVK 2,5 T RD	Topraklama Klemensi / Earth Terminal	32	355 620	ASK 3MLD	220 VDC Bej / Beige	53
334 180	AVK 4 T RD	Topraklama Klemensi / Earth Terminal	33	355 629	ASK 3MLD	220 VDC Gri / Grey	53
334 190	AVK 50 T	Topraklama Klemensi / Earth Terminal	29	355 710	YBK SLD	24 VAC Bej / Beige	89
334 200	AVK 16T RD	Topraklama Klemensi / Earth Terminal	29	355 719	YBK SLD	24 VAC Gri / Grey	89
334 210	AVK 35T RD	Topraklama Klemensi / Earth Terminal	29	355 720	YBK SLD	24 VDC Bej / Beige	89
334 220	AVK 2,5 CC T	Topraklama Klemensi / Earth Terminal	33	355 729	YBK SLD	24 VDC Gri / Grey	89
334 230	AVK 10 T RD 4	Topraklama Klemensi / Earth Terminal	33	355 730	YBK SLD	48 VAC Bej / Beige	89
334 420	MVK 2,5T	Topraklama Klemensi / Earth Terminal	41	355 739	YBK SLD	48 VAC Gri / Grey	89
334 430	MVK 4T	Topraklama Klemensi / Earth Terminal	41	355 740	YBK SLD	48 VDC Bej / Beige	89
336 100	YBK 2,5CT	Topraklama Klemensi / Earth Terminal	95	355 749	YBK SLD	48 VDC Gri / Grey	89
336 220	YBK 2,5T	Topraklama Klemensi / Earth Terminal	76	355 750	YBK SLD	110 VAC Bej / Beige	89
336 230	YBK 4 T	Topraklama Klemensi / Earth Terminal	77	355 759	YBK SLD	110 VAC Gri / Grey	89
336 240	YBK 6 T	Topraklama Klemensi / Earth Terminal	77	355 760	YBK SLD	110 VDC Bej / Beige	89
336 250	YBK 10 T	Topraklama Klemensi / Earth Terminal	77	355 769	YBK SLD	110 VDC Gri / Grey	89
336 420	MYK 2,5 T	Yeşil / Green	79	355 770	YBK SLD	220 VAC Bej / Beige	89
336 500	PYK 2,5T	Yeşil /Green	64	355 779	YBK SLD	220 VAC Gri / Grey	89
336 510	PYK 4T	Yeşil /Green	65	355 780	YBK SLD	220 VDC Bej / Beige	89
336 520	PYK 6T	Yeşil /Green	65	355 789	YBK SLD	220 VDC Gri / Grey	89
336 530	PYK 10T	Yeşil /Green	65	355 810	YBK ILD	24 VAC Bej / Beige	91
339 329	PIK 4NLD	24 VDC Gri / Grey	45	355 819	YBK ILD	24 VAC Gri / Grey	91
351 100	ASK 2S	Bej / Beige	52	355 820	YBK ILD	24 VDC Bej / Beige	91
351 109	ASK 2S	Gri / Grey	52	355 829	YBK ILD	24 VDC Gri / Grey	91
351 120	ASK 4S	Bej / Beige	55	355 830	YBK ILD	48 VAC Bej / Beige	91
351 129	ASK 4S	Gri / Grey	55	355 839	YBK ILD	48 VAC Gri / Grey	91
351 210	ASK 2LD	24 VAC Bej / Beige	52	355 840	YBK ILD	48 VDC Bej / Beige	91
351 219	ASK 2LD	24 VAC Gri / Grey	52	355 849	YBK ILD	48 VDC Gri / Grey	91
351 220	ASK 2LD	24 VDC Bej / Beige	52	355 850	YBK ILD	110 VAC Bej / Beige	91
351 229	ASK 2LD	24 VDC Gri / Grey	52	355 859	YBK ILD	110 VAC Gri / Grey	91
351 310	ASK 2LD	48 VAC Bej / Beige	52	355 860	YBK ILD	110 VDC Bej / Beige	91
351 319	ASK 2LD	48 VAC Gri / Grey	52	355 869	YBK ILD	110 VDC Gri / Grey	91
351 320	ASK 2LD	48 VDC Bej / Beige	52	355 870	YBK ILD	220 VAC Bej / Beige	91
351 329	ASK 2LD	48 VDC Gri / Grey	52	355 879	YBK ILD	220 VAC Gri / Grey	91
351 510	ASK 2LD	110 VAC Bej / Beige	52	355 880	YBK ILD	220 VDC Bej / Beige	91
351 519	ASK 2LD	110 VAC Gri / Grey	52	355 889	YBK ILD	220 VDC Gri / Grey	91
351 520	ASK 2LD	110 VDC Bej / Beige	52	359 001	MSB	5x20mm	52
351 529	ASK 2LD	110 VDC Gri / Grey	52	359 002	MSB	5x25mm	52
351 610	ASK 2LD	220 VAC Bej / Beige	52	359 020	MSB	6,35x31,75 mm.	55
351 619	ASK 2LD	220 VAC Gri / Grey	52	360 110	ASK 2B	Bej / Beige	50
351 620	ASK 2LD	220 VDC Bej / Beige	52	360 119	ASK 2B	Gri / Grey	50
351 629	ASK 2LD	220 VDC Gri / Grey	52	360 120	ASK 4B	Bej / Beige	51
351 710	ASK 4LD	24 VAC Bej / Beige	55	360 129	ASK 4B	Gri / Grey	51
351 719	ASK 4LD	24 VAC Gri / Grey	55	362 000	ASK 3FB	Bej / Beige	51
351 720	ASK 4LD	24 VDC Bej / Beige	55	362 009	ASK 3FB	Gri / Grey	51
351 729	ASK 4LD	24 VDC Gri / Grey	55	363 000	ASK 3MB	Bej / Beige	51
351 730	ASK 4LD	48 VAC Bej / Beige	55	363 009	ASK 3MB	Gri / Grey	51
351 739	ASK 4LD	48 VAC Gri / Grey	55	363 100	YBK SB	Bej / Beige	89
351 740	ASK 4LD	48 VDC Bej / Beige	55	363 109	YBK SB	Gri / Grey	89
351 749	ASK 4LD	48 VDC Gri / Grey	55	363 200	YBK IB	Bej / Beige	91
351 750	ASK 4LD	110 VAC Bej / Beige	55	363 209	YBK IB	Gri / Grey	91



Sip. No. Cat. No.	Tip Type	Sayfa Page	Sip. No. Cat. No.	Tip Type	Sayfa Page			
364 010	PCY 2,5	Bej / Beige	96	432 032	SK3	101		
364 011	PCY 2,5N	Mavi / Blue	96	432 042	SK4	101		
364 019	PCY 2,5	Gri / Grey	96	444 120	NPP / AVK 2,5-10	AVK 2,5...10 (Gau) / AVK 2,5...10 (Grey)	18	
364 020	PCY 2,5L	24 VDC Bej / Beige	97	444 121	NPP / AVK 2,5-10	AVK 2,5...10 (Mavi) / AVK 2,5...10 (Blue)	18	
364 029	PCY 2,5L	24 VDC Gri / Grey	97	444 122	NPP / AVK 2,5-10	AVK 2,5...10 (Yeşil) / AVK 2,5...10 (Green)	18	
364 030	PCY 2,5L	110 VAC Bej / Beige	97	444 123	NPP / AVK 2,5-10	AVK 2,5...10 (Sarı) / AVK 2,5...10 (Yellow)	18	
364 039	PCY 2,5L	110 VAC Gri / Grey	97	444 124	NPP / AVK 2,5-10	AVK 2,5...10 (Kırmızı) / AVK 2,5...10 (Red)	18	
364 040	PCY 2,5L	220 VAC Bej / Beige	97	444 130	NPP / AVK 2,5 CC	Bej / Beige	30	
364 049	PCY 2,5L	220 VAC Gri / Grey	97	444 132	NPP / AVK 2,5 CC	Yeşil / Green	30	
364 050	PCY 2,5E	Bej / Beige	97	444 139	NPP / AVK 2,5 CC	Gri / Grey	30	
364 059	PCY 2,5E	Gri / Grey	97	444 140	NPP / AVK 4GD	Gri / Grey	31	
364 060	PCY 2,5EL	24 VDC Bej / Beige	97	444 149	NPP / AVK 4GD	Bej / Beige	31	
364 069	PCY 2,5EL	24 VDC Gri / Grey	97	444 160	NPP / AVK 16	AVK16 (Gau) / AVK 16 (Grey)	18	
364 070	PCY 2,5EL	110 VAC Bej / Beige	97	444 161	NPP / AVK 16	AVK16 (Mavi) / AVK 16 (Blue)	18	
364 079	PCY 2,5EL	110 VAC Gri / Grey	97	444 162	NPP / AVK 16	AVK16 (Yeşil) / AVK 16 (Green)	18	
364 080	PCY 2,5EL	220 VAC Bej / Beige	97	444 163	NPP / AVK 16	AVK16 (Sarı) / AVK 16 (Yellow)	18	
364 089	PCY 2,5EL	220 VAC Gri / Grey	97	444 164	NPP / AVK 16	AVK16 (Kırmızı) / AVK 16 (Red)	18	
370 500	WGO 1	Bej / Beige	Kovansız/Without Test Socket	56	444 170	NPP / AVK 16 RD	Gri / Grey	20
370 501	WGO 1	Bej / Beige	Tek Kovanlı/One Test Socket	56	444 171	NPP / AVK 16 RD	Mavi / Blue	20
370 502	WGO 1	Bej / Beige	Çift Kovanlı/Double Test Socket	56	444 172	NPP / AVK 16 RD	Yeşil / Green	20
370 590	WGO 1	Gri / Grey	Kovansız/Without Test Socket	56	444 173	NPP / AVK 16 RD	Sarı / Yellow	20
370 591	WGO 1	Gri / Grey	Tek Kovanlı/One Test Socket	56	444 174	NPP / AVK 16 RD	Kırmızı / Red	20
370 592	WGO 1	Gri / Grey	Çift Kovanlı/Double Test Socket	66	444 179	NPP / AVK 16 RD	Bej / Beige	20
375 600	WGO 3	Bej / Beige	Kovansız/Without Test Socket	57	444 420	NPP / MVK 2,5-4	Bej / Beige	40
375 601	WGO 3	Bej / Beige	Tek Kovanlı/One Test Socket	57	444 421	NPP / MVK 2,5-4	Mavi / Blue	40
375 602	WGO 3	Bej / Beige	Çift Kovanlı/Double Test Socket	57	444 422	NPP / MVK 2,5-4	Yeşil / Green	40
375 690	WGO 3	Gri / Grey	Kovansız/Without Test Socket	57	444 423	NPP / MVK 2,5-4	Sarı / Yellow	40
375 691	WGO 3	Gri / Grey	Tek Kovanlı/One Test Socket	57	444 424	NPP / MVK 2,5-4	Kırmızı / Red	40
375 692	WGO 3	Gri / Grey	Çift Kovanlı/Double Test Socket	57	444 429	NPP / MVK 2,5-4	Gri / Grey	40
375 700	WGL	WGL 1 BEJ KOVANSIZ	57	445 110	NPP / PEK 2,5 K	PEK 2,5 K (Bej) / PEK 2,5 K (Beige)	34	
375 701	WGL	WGL 1 BEJ TEK KOVANLI	57	445 111	NPP / PEK 2,5 K	PEK 2,5 K (Mavi) / PEK 2,5 K (Blue)	34	
375 790	WGL	WGL 1 GRI KOVANSIZ	57	445 112	NPP / PEK 2,5 K	PEK 2,5 K (Yeşil) / PEK 2,5 K (Green)	34	
375 791	WGL	WGL 1 GRI TEK KOVANLI	57	445 113	NPP / PEK 2,5 K	PEK 2,5 K (Sarı) / PEK 2,5 K (Yellow)	34	
375 800	WGO 2N	Bej / Beige	Kovansız/Without Socket	57	445 114	NPP / PEK 2,5 K	PEK 2,5 K (Kırmızı) / PEK 2,5 K (Red)	34
375 801	WGO 2N	Bej / Beige	Tek Kovanlı/One Socket	57	445 115	NPP / PEK 2,5 K	PEK 2,5 K (Siyah) / PEK 2,5 K (Black)	34
375 802	WGO 2N	Bej / Beige	Çift Kovanlı/Double Socket	57	445 116	NPP / PEK 2,5 K	PEK 2,5 K (Beyaz) / PEK 2,5 K (White)	34
375 803	WGO 2N	Bej / Beige	Tek Test Kovanlı/One Test Socket	57	445 117	NPP / PEK 2,5 K	PEK 2,5 K (Turuncu) / PEK 2,5 K (Orange)	34
375 804	WGO 2N	Bej / Beige	Çift Kovanlı/Double Socket	57	445 118	NPP / PEK 2,5 K	PEK 2,5 K (Kahve) / PEK 2,5 K (Brown)	34
375 890	WGO 2N	Gri / Grey	Kovansız/Without Socket	57	445 150	NPP / PEK 2,5-10	PEK 2,5-10 (Bej) / PEK 2,5-10 (Beige)	35
375 891	WGO 2N	Gri / Grey	Tek Kovanlı/One Socket	57	445 151	NPP / PEK 2,5-10	PEK 2,5-10 (Mavi) / PEK 2,5-10 (Blue)	35
375 892	WGO 2N	Gri / Grey	Çift Test Kovanlı/Double Test Socket	57	445 152	NPP / PEK 2,5-10	PEK 2,5-10 (Yeşil) / PEK 2,5-10 (Green)	35
375 893	WGO 2N	Gri / Grey	Tek Test Kovanlı/One Test Socket	57	445 153	NPP / PEK 2,5-10	PEK 2,5-10 (Sarı) / PEK 2,5-10 (Yellow)	35
375 894	WGO 2N	Gri / Grey	Çift Kovanlı/Double Socket	57	445 154	NPP / PEK 2,5-10	PEK 2,5-10 (Kırmızı) / PEK 2,5-10 (Red)	35
375 900	WGO 2IR	Bej / Beige	57	445 155	NPP / PEK 2,5-10	PEK 2,5-10 (Siyah) / PEK 2,5-10 (Black)	35	
375 909	WGO 2IR	Gri / Grey	57	445 156	NPP / PEK 2,5-10	PEK 2,5-10 (Beyaz) / PEK 2,5-10 (White)	35	
395 100	AYK 10/16	AYK (Bej) / AYK (Beige)	59	445 157	NPP / PEK 2,5-10	PEK 2,5-10 (Turuncu) / PEK 2,5-10 (Orange)	35	
395 200	AYK 10/16	AYK (Bej) / AYK (Beige)	59	445 158	NPP / PEK 2,5-10	PEK 2,5-10 (Kahve) / PEK 2,5-10 (Brown)	35	
395 220	AYK 10/16	AYK (Bej) / AYK (Beige)	59	445 170	NPP / PEK 16-35	PEK 16-35 (Bej) / PEK 16-35 (Beige)	37	
395 230	AYK 10/16	AYK (Bej) / AYK (Beige)	59	445 171	NPP / PEK 16-35	PEK 16-35 (Mavi) / PEK 16-35 (Blue)	37	
395 240	AYK 10/16	AYK (Bej) / AYK (Beige)	59	445 172	NPP / PEK 16-35	PEK 16-35 (Yeşil) / PEK 16-35 (Green)	37	
395 250	AYK 10/16	AYK (Bej) / AYK (Beige)	59	445 173	NPP / PEK 16-35	PEK 16-35 (Sarı) / PEK 16-35 (Yellow)	37	
400 110	BIK 1	Bara Klemensi / Clamping Yokes	102	445 174	NPP / PEK 16-35	PEK 16-35 (Kırmızı) / PEK 16-35 (Red)	37	
400 120	BIK 2	Bara Klemensi / Clamping Yokes	102	445 175	NPP / PEK 16-35	PEK 16-35 (Siyah) / PEK 16-35 (Black)	37	
400 130	BIK 3	Bara Klemensi / Clamping Yokes	102	445 176	NPP / PEK 16-35	PEK 16-35 (Beyaz) / PEK 16-35 (White)	37	
400 140	BIK 4	Bara Klemensi / Clamping Yokes	102	445 177	NPP / PEK 16-35	PEK 16-35 (Turuncu) / PEK 16-35 (Orange)	37	
400 150	BIK 5	Bara Klemensi / Clamping Yokes	102	445 178	NPP / PEK 16-35	PEK 16-35 (Kahve) / PEK 16-35 (Brown)	37	
401 161	SBK16/5	Bara Klemensi / Clamping Yokes	102	446 210	NPP / YBK 2,5E	Bej / Beige	92	
401 162	SBK16/10	Bara Klemensi / Clamping Yokes	102	446 219	NPP / YBK 2,5E	Gri / Grey	92	
401 501	SBK50/5	Bara Klemensi / Clamping Yokes	102	446 240	NPP / YBK 2,5-3F	Bej / Beige	84	
401 502	SBK50/10	Bara Klemensi / Clamping Yokes	102	446 249	NPP / YBK 2,5-3F	Gri / Grey	84	
410 110	CKP 2/10	Komple / Complete	100	446 250	NPP / YBK 2,5-3FT	Bej / Beige	85	
410 120	CKP 2/10	Fiş / Seperate Plug	100	446 259	NPP / YBK 2,5-3FT	Gri / Grey	85	
410 130	CKP 2/10	Soket / Seperate Socket	100	446 260	NPP / YBK 4-2F	Bej / Beige	82	
410 140	CKP 2/10	Toplayıcı Fiş / Seperate Plug With Strain Relief	100	446 269	NPP / YBK 4-2F	Gri / Grey	82	
410 150	CKP 2/10	Toplayıcı Soket / Seperate Socket With Strain Relief	100	446 270	NPP / YBK 2,5C	Bej / Beige	93	
410 160	CKP 2/10	Fiş Gövdesi / Plug Housing	100	446 272	NPP / YBK 2,5CT	Yeşil / Green	95	
410 170	CKP 2/10	Soket Gövdesi / Socket Housing	100	446 279	NPP / YBK 2,5C	Gri / Grey	93	
410 180	CKP 2/10	Toplayıcı / Strain Relief	100	446 280	NPP / YBK 3S	Bej / Beige	86	
420 020	PSK 1/2	Cihaz Sıra Klemensi / Terminal Strip	100	446 289	NPP / YBK 3S	Gri / Grey	86	
420 120	PSK 1/12	Cihaz Sıra Klemensi / Terminal Strip	100	446 290	NPP / YBK 2,5-2F	Bej / Beige	80	
421 020	PSK 2/2	Cihaz Sıra Klemensi / Terminal Strip	100	446 290	NPP / YBK 2,5-2FT	Bej / Beige	85	
421 100	PSK 2/10	Cihaz Sıra Klemensi / Terminal Strip	100	446 299	NPP / YBK 2,5-2F	Gri / Grey	80	
422 010	TRV 4	Bej / Beige	98	446 299	NPP / YBK 2,5-2FT	Gri / Grey	85	
422 017	TRV 4	Turuncu / Orange	98	446 320	NPP / YBK 2,5	YBK 2,5 (Bej) / YBK 2,5 (Beige)	74	
422 019	TRV 4	Gri / Grey	98	446 321	NPP / YBK 2,5	YBK 2,5 (Mavi) / YBK 2,5 (Blue)	74	
422 020	TRV 4S	Bej / Beige	99	446 322	NPP / YBK 2,5	YBK 2,5 (Yeşil) / YBK 2,5 (Green)	74	
422 027	TRV 4S	Turuncu / Orange	99	446 323	NPP / YBK 2,5	YBK 2,5 (Sarı) / YBK 2,5 (Yellow)	74	
422 029	TRV 4S	Gri / Grey	99	446 324	NPP / YBK 2,5	YBK 2,5 (Kırmızı) / YBK 2,5 (Red)	74	
422 030	TRV 10	Bej / Beige	99	446 329	NPP / YBK 2,5	YBK 2,5 (Gri) / YBK 2,5 (Grey)	74	
422 037	TRV 10	Turuncu / Orange	99	446 330	NPP / YBK 4	YBK 4 (Bej) / YBK 4 (Beige)	75	
422 039	TRV 10	Gri / Grey	99	446 331	NPP / YBK 4	YBK 4 (Mavi) / YBK 4 (Blue)	75	
422 040	TRV 4M	Bej / Beige	98	446 332	NPP / YBK 4	YBK 4 (Yeşil) / YBK 4 (Green)	75	
422 047	TRV 4M	Turuncu / Orange	98	446 333	NPP / YBK 4	YBK 4 (Sarı) / YBK 4 (Yellow)	75	
422 049	TRV 4M	Gri / Grey	98	446 334	NPP / YBK 4	YBK 4 (Kırmızı) / YBK 4 (Red)	75	
422 050	TRV 4B	Bej / Beige	98	446 339	NPP / YBK 4	YBK 4 (Gri) / YBK 4 (Grey)	75	
422 057	TRV 4B	Turuncu / Orange	98	446 340	NPP / YBK 6	YBK 6 (Bej) / YBK 6 (Beige)	75	
422 059	TRV 4B	Gri / Grey	98	446 341	NPP / YBK 6	YBK 6 (Mavi) / YBK 6 (Blue)	75	
422 060	TRV 4 T	San - Yeşil / Yellow - Green	98	446 342	NPP / YBK 6	YBK 6 (Yeşil) / YBK 6 (Green)	75	
423 090	PCY IT	Bej / Beige	96	446 343	NPP / YBK 6	YBK 6 (Sarı) / YBK 6 (Yellow)	75	
423 097	PCY IT	Turuncu / Orange	96	446 344	NPP / YBK 6	YBK 6 (Kırmızı) / YBK 6 (Red)	75	
423 099	PCY IT	Gri / Grey	96	446 349	NPP / YBK 6	YBK 6 (Gri) / YBK 6 (Grey)	75	
425 235	BUK 2,5/3	Buat Klemensi / Junction Box Terminal	101	446 350	NPP / YBK 10	YBK 10 (Bej) / YBK 10 (Beige)	75	
425 245	BUK 2,5/4	Buat Klemensi / Junction Box Terminal	101	446 351	NPP / YBK 10	YBK 10 (Mavi) / YBK 10 (Blue)	75	
425 255	BUK 2,5/5	Buat Klemensi / Junction Box Terminal	101	446 352	NPP / YBK 10	YBK 10 (Yeşil) / YBK 10 (Green)	75	
430 012	SK1		101	446 353	NPP / YBK 10	YBK 10 (Sarı) / YBK 10 (Yellow)	75	
430 022	SK2		101	446 354	NPP / YBK 10	YBK 10 (Kırmızı) / YBK 10 (Red)	75	
430 032	SK3		101	446 359	NPP / YBK 10	YBK 10 (Gri) / YBK 10 (Grey)	75	
430 042	SK4		101	446 442	NPP / PYK 2,5	Yeşil / Green	62	
432 012	SK1		101	446 449	NPP / PYK 2,5	Gri / Grey	62	
432 022	SK2		101	446 450	NPP / PYK 4	Bej / Beige	63	

Sip. No. Cat. No.	Tip Type	Sayfa Page	Sip. No. Cat. No.	Tip Type	Sayfa Page		
446 452	NPP / PYK 4	Yeşil / Green	63	463 173	APP / PEK 16-35	PEK 16-35 (Sarı) / PEK 16-35 (Yellow)	36
446 459	NPP / PYK 4	Gri / Grey	63	463 174	APP / PEK 16-35	PEK 16-35 (Kırmızı) / PEK 16-35 (Red)	36
446 460	NPP / PYK 6	Bej / Beige	63	463 175	APP / PEK 16-35	PEK 16-35 (Siyah) / PEK 16-35 (Black)	36
446 462	NPP / PYK 6	Yeşil / Green	63	463 176	APP / PEK 16-35	PEK 16-35 (Beyaz) / PEK 16-35 (White)	36
446 469	NPP / PYK 6	Gri / Grey	63	463 177	APP / PEK 16-35	PEK 16-35 (Turuncu) / PEK 16-35 (Orange)	36
446 470	NPP / PYK 10	Bej / Beige	63	463 178	APP / PEK 16-35	PEK 16-35 (Kahve) / PEK 16-35 (Brown)	36
446 472	NPP / PYK 10	Yeşil / Green	63	466 100	KKB 95	Gri / Grey	25
446 479	NPP / PYK 10	Gri / Grey	63	466 110	KKB 150	Gri / Grey	25
446 500	NPP / PYK 2,5 A	Bej / Beige	72	466 120	KKB 240	Gri / Grey	25
446 509	NPP / PYK 2,5 A	Gri / Grey	72	467 910	AD 1	PEK 2,5 K - AVK 2,5...10 (Bej) / PEK 2,5 K - AVK 2,5...10 (Beige)	18
446 510	NPP / PYK 2,5-2F	Bej / Beige	66	467 919	AD 1	PEK 2,5 K - AVK 2,5...10 (Gri) / PEK 2,5 K - AVK 2,5...10 (Grey)	18
446 519	NPP / PYK 2,5-2F	Gri / Grey	66	467 950	AD 2	PEK 2,5...10 (Bej) / PEK 2,5...10 (Beige)	36
446 520	NPP / PYK 2,5-2FT	Bej / Beige	69	468 050	AD 3	AVK 16 RD (Bej) - AVK 16 RD (Beige)	20
446 529	NPP / PYK 2,5-2FT	Gri / Grey	69	468 059	AD 3	AVK 16 RD (Gri) - AVK 16 RD (Gray)	20
446 530	NPP / PYK 2,5-3FT	Bej / Beige	69	468 060	SKK	Koruma kapağı tutucu plaka (bej) / Holding Plate for cover (beige)	107
446 539	NPP / PYK 2,5-3FT	Gri / Grey	69	468 069	SKK	Koruma kapağı tutucu plaka (Gri) / Holding Plate for cover (Gray)	107
446 540	NPP / PYK 2,5 CCA	Bej / Beige	73	474 122	UK 2,5/2	AVK 2,5	18
446 549	NPP / PYK 2,5 CCA	Gri / Grey	73	474 123	UK 2,5/3	AVK 2,5	18
446 550	NPP / PYK 4E	Bej / Beige	67	474 124	UK 2,5/4	AVK 2,5	18
446 559	NPP / PYK 4E	Gri / Grey	67	474 129	UK 2,5/10	AVK 2,5	18
446 570	NPP / PYK 4-2F	Bej / Beige	67	474 132	UK 4/2	AVK 4 / PIK 4N	19
446 571	NPP / PYK 4-2F	Mavi / Blue	67	474 133	UK 4/3	AVK 4 / PIK 4N	19
446 579	NPP / PYK 4-2F	Gri / Grey	67	474 133	UK 4/3	AVK 4 / PIK 4N	19
449 010	NPP / PIK 2,5N - 4N	PIK 2,5N - 4N (Bej) / PIK 2,5N - 4N (Beige)	42	474 134	UK 4/4	AVK 4 / PIK 4N	19
449 019	NPP / PIK 2,5N - 4N	PIK 2,5N - 4N (Gri) / PIK 2,5N - 4N (Grey)	42	474 139	UK 4/10	AVK 4 / PIK 4N	19
449 020	NPP / PIK 4FS	Bej / Beige	45	474 142	UK 6/2	AVK 6	19
449 029	NPP / PIK 4FS	Gri / Grey	45	474 143	UK 6/3	AVK 6	19
450 040	NPP / ASK 2	ASK 2 (Bej) / ASK 2 (Beige)	52	474 144	UK 6/4	AVK 6	19
450 049	NPP / ASK 2	ASK 2 (Gri) / ASK 2 (Grey)	52	474 149	UK 6/10	AVK 6	19
450 050	NPP / ASK 3	ASK 3 (Bej) / ASK 3 (Beige)	53	474 152	UK 10/2	AVK 10	19
450 059	NPP / ASK 3	ASK 3 (Gri) / ASK 3 (Grey)	53	474 153	UK 10/3	AVK 10	19
450 060	NPP / YBK S-YBK 1	Bej / Beige	88	474 154	UK 10/4	AVK 10	19
450 069	NPP / YBK S-YBK 1	Gri / Grey	88	474 159	UK 10/10	AVK 10	19
450 090	NPP / AYK	AYK (Bej) / AYK (Beige)	59	474 162	UK 16/2	AVK 16	19
450 100	NPP / WGO 1	WGO 1 Bej / WGO 1 Beige	56	474 163	UK 16/3	AVK 16	19
450 109	NPP / WGO 1	WGO 1 Gri / WGO 1 Grey	56	474 164	UK 16/4	AVK 16	19
450 130	NPP / PUK 3	PUK 3 (Bej) / PUK 3 (Beige)	47	474 169	UK 16/10	AVK 16	19
450 139	NPP / PUK 3	PUK 3 (Gri) / PUK 3 (Grey)	47	474 172	UK 35/2	AVK 35	21
450 140	NPP / PUK 2T	PUK 2T (Bej) / PUK 2T (Beige)	47	474 173	UK 35/3	AVK 35	21
450 149	NPP / PUK 2T	PUK 2T (Gri) / PUK 2T (Grey)	47	474 174	UK 35/4	AVK 35	21
450 150	NPP / PUK 3T	PUK 3T (Bej) / PUK 3T (Beige)	47	474 179	UK 35/10	AVK 35	21
450 159	NPP / PUK 3T	PUK 3T (Gri) / PUK 3T (Grey)	47	475 112	UK 2,5K/2	PEK 2,5K	34
450 160	NPP / PUK 3S	Bej / Beige	48	475 113	UK 2,5K/2	PEK 2,5K	34
450 169	NPP / PUK 3S	Gri / Grey	48	475 114	UK 2,5K/2	PEK 2,5K	34
450 170	NPP / AVK 4C	Bej / Beige	58	475 119	UK 2,5K/2	PEK 2,5K	34
450 179	NPP / AVK 4C	Gri / Grey	58	475 122	UK 2,5/2	PEK 2,5	35
450 190	NPP / PCY	Bej / Beige	96	475 123	UK 2,5/3	PEK 2,5	35
450 191	NPP / PCY	Mavi / Blue	96	475 124	UK 2,5/4	PEK 2,5	35
450 199	NPP / PCY	Gri / Grey	96	475 129	UK 2,5/10	PEK 2,5	35
450 200	NPP / AVK 4FS	Bej / Beige	53	475 132	UK 4/2	PEK 4	35
450 209	NPP / AVK 4FS	Gri / Grey	53	475 133	UK 4/3	PEK 4	35
450 210	NPP / YBK 2,5A	Bej / Beige	89	475 133	UK 4/3	PEK 4	35
450 219	NPP / YBK 2,5A	Gri / Grey	89	475 134	UK 4/4	PEK 4	35
450 240	NPP / WGO 2IR	WGO 2IR (Bej) / WGO 2IR (Beige)	57	475 139	UK 4/10	PEK 4	35
450 249	NPP / WGO 2IR	WGO 2IR (Gri) / WGO 2IR (Gray)	57	475 142	UK 6/2	PEK 6	35
462 120	APP / AVK 2,5-10	AVK 2,5-10 (Gri) / AVK 2,5-10 (Grey)	18	475 143	UK 6/3	PEK 6	35
462 121	APP / AVK 2,5-10	AVK 2,5-10 (Mavi) / AVK 2,5-10 (Blue)	18	475 144	UK 6/4	PEK 6	35
462 122	APP / AVK 2,5-10	AVK 2,5-10 (Yeşil) / AVK 2,5-10 (Green)	18	475 149	UK 6/10	PEK 6	35
462 123	APP / AVK 2,5-10	AVK 2,5-10 (Sarı) / AVK 2,5-10 (Yellow)	18	475 152	UK 10/2	PEK 10	36
462 124	APP / AVK 2,5-10	AVK 2,5-10 (Kırmızı) / AVK 2,5-10 (Red)	18	475 153	UK 10/3	PEK 10	36
462 129	APP / AVK 2,5-10	AVK 2,5-10 (Bej) / AVK 2,5-10 (Beige)	18	475 154	UK 10/4	PEK 10	36
462 160	APP / AVK 16	AVK 16 (Gri) / AVK 16 (Grey)	18	475 159	UK 10/10	PEK 10	36
462 161	APP / AVK 16	AVK 16 (Mavi) / AVK 16 (Blue)	18	475 162	UK 16/2	PEK 16	37
462 162	APP / AVK 16	AVK 16 (Yeşil) / AVK 16 (Green)	18	475 163	UK 16/3	PEK 16	37
462 163	APP / AVK 16	AVK 16 (Sarı) / AVK 16 (Yellow)	18	475 164	UK 16/4	PEK 16	37
462 164	APP / AVK 16	AVK 16 (Kırmızı) / AVK 16 (Red)	18	475 169	UK 16/10	PEK 16	37
462 169	APP / AVK 16	AVK 16 (Bej) / AVK 16 (Beige)	18	475 172	UK 35/2	PEK 35	37
462 170	APP / AVK 16 RD	AVK 16 RD (Gri) / AVK 16 RD (Gray)	20	475 173	UK 35/3	PEK 35	37
462 171	APP / AVK 16 RD	AVK 16 RD (Mavi) / AVK 16 RD (Blue)	20	475 174	UK 35/4	PEK 35	37
462 172	APP / AVK 16 RD	AVK 16 RD (Yeşil) / AVK 16 RD (Green)	20	475 179	UK 35/10	PEK 35	37
462 173	APP / AVK 16 RD	AVK 16 RD (Sarı) / AVK 16 RD (Yellow)	20	476 222	UK 2,5/2	YBK 2,5, MVK 2,5	74
462 174	APP / AVK 16 RD	AVK 16 RD (Kırmızı) / AVK 16 RD (Red)	20	476 223	UK 2,5/3	YBK 2,5, MVK 2,5	74
462 179	APP / AVK 16 RD	AVK 16 RD (Bej) / AVK 16 RD (Beige)	20	476 224	UK 2,5/4	YBK 2,5, MVK 2,5	74
462 180	APP / AVK 35 RD	AVK 35 RD (Gri) / AVK 35 RD (Gray)	21	476 229	UK 2,5/10	YBK 2,5, MVK 2,5	74
462 181	APP / AVK 35 RD	AVK 35 RD (Mavi) / AVK 35 RD (Blue)	21	476 232	UK 4/2	YBK 4, MVK4	75
462 182	APP / AVK 35 RD	AVK 35 RD (Yeşil) / AVK 35 RD (Green)	21	476 233	UK 4/3	YBK 4, MVK4	75
462 183	APP / AVK 35 RD	AVK 35 RD (Sarı) / AVK 35 RD (Yellow)	21	476 233	UK 4/3	YBK 4, MVK4	75
462 184	APP / AVK 35 RD	AVK 35 RD (Kırmızı) / AVK 35 RD (Red)	21	476 234	UK 4/4	YBK 4, MVK4	75
462 189	APP / AVK 35 RD	AVK 35 RD (Bej) / AVK 35 RD (Beige)	21	476 239	UK 4/10	YBK 4, MVK4	75
463 110	APP / PEK 2,5K	PEK 2,5K (Bej) / PEK 2,5K (Beige)	34	476 242	UK 6/2	YBK 6	75
463 111	APP / PEK 2,5K	PEK 2,5K (Mavi) / PEK 2,5K (Blue)	34	476 243	UK 6/3	YBK 6	75
463 112	APP / PEK 2,5K	PEK 2,5K (Yeşil) / PEK 2,5K (Green)	34	476 244	UK 6/4	YBK 6	75
463 113	APP / PEK 2,5K	PEK 2,5K (Sarı) / PEK 2,5K (Yellow)	34	476 249	UK 6/10	YBK 6	75
463 114	APP / PEK 2,5K	PEK 2,5K (Kırmızı) / PEK 2,5K (Red)	34	476 252	UK 10/2	YBK 10	75
463 115	APP / PEK 2,5K	PEK 2,5K (Siyah) / PEK 2,5K (Black)	34	476 253	UK 10/3	YBK 10	75
463 116	APP / PEK 2,5K	PEK 2,5K (Beyaz) / PEK 2,5K (White)	34	476 254	UK 10/4	YBK 10	75
463 117	APP / PEK 2,5K	PEK 2,5K (Turuncu) / PEK 2,5K (Orange)	34	476 259	UK 10/10	YBK 10	75
463 118	APP / PEK 2,5K	PEK 2,5K (Kahve) / PEK 2,5K (Brown)	34	476 262	TKÖ 2,5/2	AVK 2,5	18
463 150	APP / PEK 2,5-10	PEK 2,5-10 (Bej) / PEK 2,5-10 (Beige)	35	476 263	TKÖ 2,5/3	AVK 2,5	18
463 151	APP / PEK 2,5-10	PEK 2,5-10 (Mavi) / PEK 2,5-10 (Blue)	35	476 264	TKÖ 2,5/4	AVK 2,5	18
463 152	APP / PEK 2,5-10	PEK 2,5-10 (Yeşil) / PEK 2,5-10 (Green)	35	476 269	TKÖ 2,5/10	AVK 2,5	18
463 153	APP / PEK 2,5-10	PEK 2,5-10 (Sarı) / PEK 2,5-10 (Yellow)	35	476 272	TKÖ 4/2	AVK 4	19
463 154	APP / PEK 2,5-10	PEK 2,5-10 (Kırmızı) / PEK 2,5-10 (Red)	35	476 273	TKÖ 4/3	AVK 4	19
463 155	APP / PEK 2,5-10	PEK 2,5-10 (Siyah) / PEK 2,5-10 (Black)	35	476 274	TKÖ 4/4	AVK 4	19
463 156	APP / PEK 2,5-10	PEK 2,5-10 (Beyaz) / PEK 2,5-10 (White)	35	476 279	TKÖ 4/10	AVK 4	19
463 157	APP / PEK 2,5-10	PEK 2,5-10 (Turuncu) / PEK 2,5-10 (Orange)	35	476 282	TKÖ 6/2	AVK 6 / WGO1 / WGO3 / WGL	19
463 158	APP / PEK 2,5-10	PEK 2,5-10 (Kahve) / PEK 2,5-10 (Brown)	35	476 283	TKÖ 6/3	AVK 6 / WGO1 / WGO3 / WGL	19
463 170	APP / PEK 16-35	PEK 16-35 (Bej) / PEK 16-35 (Beige)	36	476 284	TKÖ 6/4	AVK 6 / WGO1 / WGO3 / WGL	19
463 171	APP / PEK 16-35	PEK 16-35 (Mavi) / PEK 16-35 (Blue)	36	476 289	TKÖ 6/10	AVK 6 / WGO1 / WGO3 / WGL	19
463 172	APP / PEK 16-35	PEK 16-35 (Yeşil) / PEK 16-35 (Green)	36	476 302	IZUK 6/2	WGO 1 - WGL 1 - WGO3	56

Sip. No. Cat. No.	Tip Type	Sayfa Page	Sip. No. Cat. No.	Tip Type	Sayfa Page
476 303	IZUK 6/3	56	498 237	ETS2 PYK 4	67
476 304	IZUK 6/4	56	498 239	ETS2 PYK 4	67
476 309	IZUK 6/10	56	498 300	WGO-UAA	56
476 309	IZUK 6/10	56	498 450	RA 10	107
476 309	UK 6 / 10	56	498 459	RA 10	107
476 402	IZUK 10/2	57	498 550	PYK Test	62
476 403	IZUK 10/3	57	498 559	PYK Test	62
476 404	IZUK 10/4	57	498 650	PYK Test - A	63
476 406	IZUK 10/6	57	498 659	PYK Test - A	63
476 409	IZUK 10/10	57	500 101	MR 32	106
476 502	IZUK 10W/2	57	500 601	MR 35x7,5	106
477 503	IZUK 10W/3	57	500 602	MR 35x7,5	106
478 302	UKB 95/2	25	500 603	MR 35x7,5	106
478 303	UKB 95/3	25	500 604	MR 35x7,5	106
478 304	UKB 95/4	25	500 605	MR 35x7,5	106
478 312	UKB 150/2	25	500 606	MR 35x7,5	106
478 313	UKB 150/3	25	500 607	MR 35x7,5	106
478 314	UKB 150/4	25	500 608	MR 35x7,5	106
478 322	UKB 240/2	25	500 609	MR 35x7,5	106
478 323	UKB 240/3	25	500 610	MR 35x15	106
478 324	UKB 240/4	25	500 611	MR 35x15	106
478 332	UK 50/2	22	500 612	MR 35x15	106
478 332	UK 50/2	22	500 613	MR 35x15	106
478 333	UK 50/3	22	501 101	RT	106
478 333	UK 50/3	22	505 000	DY 5	104
478 334	UK 50/4	22	505 001	DY 5	104
478 334	UK 50/4	22	505 002	DY 5	104
478 504	IZUK 10W/4	57	505 003	DY 5	104
479 506	IZUK 10W/6	57	505 004	DY 5	104
480 132	UK 2,5/2	46	505 005	DY 5	104
480 133	UK 2,5/3	46	505 006	DY 5	104
480 134	UK 2,5/4	46	505 007	DY 5	104
480 139	UK 2,5/10	46	505 008	DY 5	104
480 142	UK 4/2	58	505 009	DY 5	104
480 142	UK 4/3	58	505 010	DY 5	104
480 143	UK 4/3	58	505 020	DY 5	104
480 144	UK 4/4	58	505 021	DY 5	104
480 149	UK 4/10	58	505 022	DY 5	104
480 182	UK 6/2	56	505 023	DY 5	104
480 183	UK 6/3	56	505 024	DY 5	104
480 184	UK 6/4	56	505 030	DY 5	104
480 189	UK 6/10	56	505 040	DY 5	104
480 509	IZUK 10W/10	57	505 041	DY 5	104
490 010	TSK 1 (02)	18	505 042	DY 5	104
490 020	TSK 2 (02)	34	505 043	DY 5	104
490 030	TSK 3 (02.3)	18	505 044	DY 5	104
490 040	TSK 4 (02.3)	19	505 045	DY 5	104
490 070	TSK 7 (04)	19	505 046	DY 5	104
490 080	TSK 8 (04)	18	505 047	DY 5	104
490 090	TSK 9 (04)	18	505 048	DY 5	104
492 010	ITK 28 (Q4)	19	505 049	DY 5	104
492 020	ITK 32 (Q4)	19	505 050	DY 5	104
493 050	TSK 4 (04)	57	505 051	DY 5	104
495 030	WGD 1	107	505 052	DY 5	104
495 039	WGD 1	107	505 053	DY 5	104
495 040	KD 3	107	505 054	DY 5	104
495 049	KD 3	107	505 055	DY 5	104
495 050	KD 4	107	505 056	DY 5	104
495 059	KD 4	107	505 057	DY 5	104
495 060	KD 5	107	505 058	DY 5	104
495 069	KD 5	107	505 059	DY 5	104
495 090	KD 6	107	505 060	DY 5	104
495 090	KD 6A	107	505 061	DY 5	104
495 099	KD 6	107	505 062	DY 5	104
495 099	KD 6A	107	505 063	DY 5	104
495 100	KD 6A	107	505 064	DY 5	104
495 100	KD 6A PIM	107	505 065	DY 5	104
495 109	KD 6A	107	505 066	DY 5	104
495 109	KD 6A PIM	107	505 067	DY 5	104
495 200	KD 6T	107	505 068	DY 5	104
495 209	KD 6T	107	505 069	DY 5	104
495 210	KD 7	107	505 070	DY 5	104
495 219	KD 7	107	505 071	DY 5	104
496 110	GE	18	505 072	DY 5	104
496 119	GE	18	505 073	DY 5	104
496 120	ME 1-1	107	505 074	DY 5	104
496 129	ME 1-1	107	505 075	DY 5	104
496 130	ME 1-2	107	505 076	DY 5	104
496 139	ME 1-2	107	505 077	DY 5	104
496 140	ME 2-2	107	505 078	DY 5	104
496 149	ME 2-2	107	505 079	DY 5	104
496 210	GE 1	34	505 080	DY 5	104
496 250	GE 2	18	505 081	DY 5	104
496 255	GE 3	37	505 082	DY 5	104
496 300	ME 3	107	505 083	DY 5	104
498 110	IP 1S	34	505 084	DY 5	104
498 120	IP 1	34	505 085	DY 5	104
498 130	IP 2S	35	505 090	DY 5	104
498 140	IP 2	35	505 091	DY 5	104
498 143	IP 3S	37	505 092	DY 5	104
498 145	IP 3	37	505 093	DY 5	104
498 160	IP 4S	74	505 094	DY 5	104
498 170	IP 4	74	505 095	DY 5	104
498 210	ETS2 PYK 2,5	66	505 096	DY 5	104
498 217	ETS2 PYK 2,5	66	505 097	DY 5	104
498 219	ETS2 PYK 2,5	66	505 201	DY 10/6,5	104
498 220	ETS3 PYK 2,5	68	505 202	DY 10/6,5	104
498 227	ETS3 PYK 2,5	68	505 203	DY 10/6,5	104
498 229	ETS3 PYK 2,5	68	505 204	DY 10/6,5	104
498 230	ETS2 PYK 4	67	505 205	DY 10/6,5	104

Sip. No. Cat. No.	Tip Type	Sayfa Page	Sip. No. Cat. No.	Tip Type	Sayfa Page	
505 206	DY 10/6.5	51-60	516 034	KG 2	Y	105
505 207	DY 10/6.5	61-70	516 035	KG 2	Z	105
505 208	DY 10/6.5	71-80	516 040	KG 2	Mp	105
505 209	DY 10/6.5	81-90	516 041	KG 2	S	105
505 210	DY 10/6.5	91-100	516 042	KG 2	T	105
505 310	DG 10/5	Baskısız / Without print	516 043	KG 2	+	105
505 320	DG 10/6	Baskısız / Without print	516 044	KG 2	-	105
505 330	DG 6/5	Baskısız / Without print	516 045	KG 2	⊕	105
505 340	DG 7/5	TRV için Baskısız / For TRV Without print	516 046	KG 2	(	105
505 380	DG 10/5 T	Baskısız / Without print	516 047	KG 2	.	105
505 390	DG 10/6 T	Baskısız / Without print	516 048	KG 2	/	105
505 410	DG 10/8	Baskısız / Without print	517 000	KE 1	0	105
505 430	DG 10x10	Baskısız / Without print	517 001	KE 1	1	105
505 440	DO 10x10	Özel Baskılı / Special print	517 002	KE 1	2	105
505 650	DYO 5	Özel Baskılı / Special Print	517 003	KE 1	3	105
505 710	DO 10/5	Özel Baskılı / Special print	517 004	KE 1	4	105
505 720	DO 10/6.5	Özel Baskılı / Special print	517 005	KE 1	5	105
505 850	DB 5	Baskısız / Without print	517 006	KE 1	6	105
505 910	DB 10/5	Baskısız / Without print	517 007	KE 1	7	105
505 915	DB 10/6	Baskısız / Without print	517 008	KE 1	8	105
505 920	DB 10/6.5	Baskısız / Without print	517 009	KE 1	9	105
510 110	K 1	Kablo Kroşesi / Cable Clamp	517 010	KE 1	A	105
510 120	K 2	Kablo Kroşesi / Cable Clamp	517 011	KE 1	B	105
510 130	K 3	Kablo Kroşesi / Cable Clamp	517 012	KE 1	C	105
510 500	KR 1	Kroşe Rayı / Cable Clamp Rail	517 013	KE 1	D	105
515 000	KG 1	0	517 014	KE 1	E	105
515 001	KG 1	1	517 015	KE 1	F	105
515 002	KG 1	2	517 016	KE 1	G	105
515 003	KG 1	3	517 017	KE 1	H	105
515 004	KG 1	4	517 018	KE 1	I	105
515 005	KG 1	5	517 019	KE 1	J	105
515 006	KG 1	6	517 020	KE 1	K	105
515 007	KG 1	7	517 021	KE 1	L	105
515 008	KG 1	8	517 022	KE 1	M	105
515 009	KG 1	9	517 023	KE 1	N	105
515 010	KG 1	A	517 024	KE 1	O	105
515 011	KG 1	B	517 025	KE 1	P	105
515 012	KG 1	C	517 026	KE 1	Q	105
515 013	KG 1	D	517 027	KE 1	R	105
515 014	KG 1	E	517 028	KE 1	S	105
515 015	KG 1	F	517 029	KE 1	T	105
515 016	KG 1	G	517 030	KE 1	U	105
515 017	KG 1	H	517 031	KE 1	V	105
515 018	KG 1	I	517 032	KE 1	W	105
515 019	KG 1	J	517 033	KE 1	X	105
515 020	KG 1	K	517 034	KE 1	Y	105
515 021	KG 1	L	517 035	KE 1	Z	105
515 022	KG 1	M	517 040	KE 1	Mp	105
515 023	KG 1	N	517 043	KE 1	+	105
515 024	KG 1	O	517 044	KE 1	-	105
515 025	KG 1	P	517 045	KE 1	⊕	105
515 026	KG 1	Q	517 046	KE 1	(	105
515 027	KG 1	R	517 047	KE 1	.	105
515 030	KG 1	U	517 048	KE 1	/	105
515 031	KG 1	V	518 000	KE 2	0	105
515 032	KG 1	W	518 001	KE 2	1	105
515 033	KG 1	X	518 002	KE 2	2	105
515 034	KG 1	Y	518 003	KE 2	3	105
515 035	KG 1	Z	518 004	KE 2	4	105
515 040	KG 1	Mp	518 005	KE 2	5	105
515 041	KG 1	S	518 006	KE 2	6	105
515 042	KG 1	T	518 007	KE 2	7	105
515 043	KG 1	+	518 008	KE 2	8	105
515 044	KG 1	-	518 009	KE 2	9	105
515 045	KG 1	⊕	518 010	KE 2	A	105
515 046	KG 1	(	518 011	KE 2	B	105
515 047	KG 1	.	518 012	KE 2	C	105
515 048	KG1	.	518 013	KE 2	D	105
516 000	KG2	/	518 014	KE 2	E	105
516 001	KG 2	1	518 015	KE 2	F	105
516 002	KG 2	2	518 016	KE 2	G	105
516 003	KG 2	3	518 017	KE 2	H	105
516 004	KG 2	4	518 018	KE 2	I	105
516 005	KG 2	5	518 019	KE 2	J	105
516 006	KG 2	6	518 020	KE 2	K	105
516 007	KG 2	7	518 021	KE 2	L	105
516 008	KG 2	8	518 022	KE 2	M	105
516 009	KG 2	9	518 023	KE 2	N	105
516 010	KG 2	A	518 024	KE 2	O	105
516 011	KG 2	B	518 025	KE 2	P	105
516 012	KG 2	C	518 026	KE 2	Q	105
516 013	KG 2	D	518 027	KE 2	R	105
516 014	KG 2	E	518 028	KE 2	S	105
516 015	KG 2	F	518 029	KE 2	T	105
516 016	KG 2	G	518 030	KE 2	U	105
516 017	KG 2	H	518 031	KE 2	V	105
516 018	KG 2	I	518 032	KE 2	W	105
516 019	KG 2	J	518 033	KE 2	X	105
516 020	KG 2	K	518 034	KE 2	Y	105
516 021	KG 2	L	518 035	KE 2	Z	105
516 022	KG 2	M	518 040	KE 2	Mp	105
516 023	KG 2	N	518 043	KE 2	+	105
516 024	KG 2	O	518 044	KE 2	-	105
516 025	KG 2	P	518 045	KE 2	⊕	105
516 026	KG 2	Q	518 046	KE 2	(	105
516 027	KG 2	R	518 047	KE 2	.	105
516 030	KG 2	U	518 048	KE 2	/	105
516 031	KG 2	V	519 000	KE 3	0	105
516 032	KG 2	W	519 001	KE 3	1	105
516 033	KG 2	X	519 002	KE 3	2	105

Sip. No. Cat. No.	Tip Type		Sayfa Page	Sip. No. Cat. No.	Tip Type		Sayfa Page
519 003	KE 3	3	105	541210S	YK 1	Siyah / Black	109
519 004	KE 3	4	105	541280B	YK 2	Beyaz / White	109
519 005	KE 3	5	105	541280S	YK 2	Siyah / Black	109
519 006	KE 3	6	105	542110B	VK 1	Beyaz / White	109
519 007	KE 3	7	105	542110S	VK 1	Siyah / Black	109
519 008	KE 3	8	105	542120B	VK 2	Beyaz / White	109
519 009	KE 3	9	105	542120S	VK 2	Siyah / Black	109
519 010	KE 3	A	105	542130B	VK 3	Beyaz / White	109
519 011	KE 3	B	105	542130S	VK 3	Siyah / Black	109
519 012	KE 3	C	105	553 010	KKC 2530	25x30 (HVD 1) KABLO KANALI / Wiring Duct	114
519 013	KE 3	D	105	553 011	KKC 2540	25x40 (HVD 2) KABLO KANALI / Wiring Duct	114
519 014	KE 3	E	105	553 012	KKC 2560	25x60 (HVD 6) KABLO KANALI / Wiring Duct	114
519 015	KE 3	F	105	553 013	KKC 4040	40x40 (HVD 4) KABLO KANALI / Wiring Duct	114
519 016	KE 3	G	105	553 014	KKC 4060	40x60 (HVD 7) KABLO KANALI / Wiring Duct	114
519 017	KE 3	H	105	553 015	KKC 4080	40x80 (HVD 9,7) KABLO KANALI / Wiring Duct	114
519 018	KE 3	I	105	553 016	KKC 6040	60x40 (HVD 5) KABLO KANALI / Wiring Duct	114
519 019	KE 3	J	105	553 017	KKC 6060	60x60 (HVD 8) KABLO KANALI / Wiring Duct	114
519 020	KE 3	K	105	553 018	KKC 6080	60x80 (HVD 9,8) KABLO KANALI / Wiring Duct	114
519 021	KE 3	L	105	553 019	KKC 8060	80x60 (HVD 9) KABLO KANALI / Wiring Duct	114
519 022	KE 3	M	105	553 020	KKC 8080	80x80 (HVD 10) KABLO KANALI / Wiring Duct	114
519 023	KE 3	N	105	553 021	KKC 1006	100x60 (HVD 9,5) KABLO KANALI / Wiring Duct	114
519 024	KE 3	O	105	553 022	KKC 1008	100x80 (HVD 10,5) KABLO KANALI / Wiring Duct	114
519 025	KE 3	P	105	553 023	KKC 1206	120x60 (HVD 9,6) KABLO KANALI / Wiring Duct	114
519 026	KE 3	Q	105	553 024	KKC 1208	120x80 (HVD 11) KABLO KANALI / Wiring Duct	114
519 027	KE 3	R	105	553 050	KKK 25	25mm KANAL KAPAGI / Wiring Ducts Cover	114
519 028	KE 3	S	105	553 051	KKK 40	40mm KANAL KAPAGI / Wiring Ducts Cover	114
519 029	KE 3	T	105	553 052	KKK 60	60mm KANAL KAPAGI / Wiring Ducts Cover	114
519 030	KE 3	U	105	553 053	KKK 80	80mm KANAL KAPAGI / Wiring Ducts Cover	114
519 031	KE 3	V	105	553 100	KKT 4040	40x40 KABLO TUTUCU / Wiring Retainer	114
519 032	KE 3	W	105	553 101	KKT 4065	40x65 KABLO TUTUCU / Wiring Retainer	114
519 033	KE 3	X	105	553 102	KKT 6565	65x65 KABLO TUTUCU / Wiring Retainer	114
519 034	KE 3	Y	105	553 103	KKT 2040	20x40 KABLO TUTUCU / Wiring Retainer	114
519 035	KE 3	Z	105	560 030	KT 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 4	115
519 040	KE 3	Mp	105	560 030	KT 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 4-2F	115
519 043	KE 3	+	105	560 030	KT 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 4T	115
519 044	KE 3	-	105	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - AVK 4FS	115
519 045	KE 3	+	105	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - MVK 2,5	115
519 046	KE 3	(	105	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - MVK 2,5T	115
519 047	KE 3	.	105	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - MYK 2,5	115
519 048	KE 3	/	105	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - MYK 2,5T	115
519 51X	KEB1	Baskısız / Without print	105	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - MYPK 2,5	115
519 52X	KEB2	Baskısız / Without print	105	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - MYSK 2,5	115
519 53X	KEB3	Baskısız / Without print	105	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PEK 2,5K	115
520 110	KBE 1	Kablo Etiket / Cable Marker	106	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PK 2,5N	115
520 120	KBE 2	Kablo Etiket / Cable Marker	106	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PUK 2T	115
525 100	KUB 1	Kumanda Barası / Busbar	102	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PUK 3	115
525 101	KUB 1/2	Kumanda Barası / Busbar	102	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PUK 3S	115
525 200	KUB 2	Kumanda Barası / Busbar	102	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PUK 3S	115
525 201	KUB 2/2	Kumanda Barası / Busbar	102	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PUK 3T	115
525 300	KUB 3	Kumanda Barası / Busbar	102	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PYK 2,5	115
525 350	KUB 3	Kumanda Barası / Busbar	102	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PYK 2,5-2F	115
525 361	BK 4	Bara Klemensi / Clamping Yokes	103	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PYK 2,5-2FT	115
525 362	BK 10	Bara Klemensi / Clamping Yokes	103	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PYK 2,5-3F	115
525 362	BK 4	Bara Klemensi / Clamping Yokes	103	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PYK 2,5-3FT	115
525 363	BK 35	Bara Klemensi / Clamping Yokes	103	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - PYK 2,5T	115
525 363	BK 35	Bara Klemensi / Clamping Yokes	103	561 020	ITK 2 (0,5 x 3)	tornavida / screwdriver - WGT 2,5	115
525 371	IBK 4	Mavi / Blue	103	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - ASK 2S	115
525 372	IBK 10	Mavi / Blue	103	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - ASK 3A	115
525 373	IBK 35	Mavi / Blue	103	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - ASK 3F	115
525 381	IBK 4	Yeşil - Sarı / Green - Yellow	103	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - ASK 3M	115
525 382	IBK 10	Yeşil - Sarı / Green - Yellow	103	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - ASK 4S	115
525 383	IBK 35	Yeşil - Sarı / Green - Yellow	103	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - AVK 2,5	115
525 400	PCY NB	PCY Tip Nötr Barası / Neutral Bus Bar	96	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - AVK 2,5 RD	115
528 110	BM	Bara Mesnedi / Busbar Support Block	102	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - AVK 2,5/4T	115
532094B	YKB 94	2,5x94 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - AVK 2,5CC	115
532094B	YKB 94	2,5x94 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - AVK 2,5CCT	115
532094S	YKB 94	2,5x94 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - AVK 2,5T RD	115
532094S	YKB 94	2,5x94 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - AVK 4	115
532100B	YKB 100	2,5x100 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - AVK 4 RD	115
532100S	YKB 100	2,5x100 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - AVK 4C	115
532142B	YKB 142	2,5x142 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - AVK 4T RD	115
532142S	YKB 142	2,5x142 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - MVK 4	115
532203B	YKB 203	2,5x142 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - MVK 4T	115
532203S	YKB 203	2,5x142 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PCY 2,5	115
533150B	YKB 150	3,6x150 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PCY 2,5E	115
533150S	YKB 150	3,6x150 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PEK 2,5	115
533250B	YKB 250	3,6x250 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PIK 4N	115
533250S	YKB 250	3,6x250 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PYK 4	115
533292B	YKB 292	3,6x292 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PYK 4-2F	115
533292S	YKB 292	3,6x292 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PYK 4E	115
533368B	YKB 368	3,6x368 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PYK 4I (6,35x31,75)	115
533368S	YKB 368	3,6x368 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PYK 4S (5x20)	115
534120B	YKB 120	4,8x120 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PYK 4S (5x25)	115
534120S	YKB 120	4,8x120 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - PYK 4T	115
534190B	YKB 190	4,8x190 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - TRV 4	115
534190S	YKB 190	4,8x190 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - TRV 4B	115
534368B	YKB 368	4,8x368 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - TRV 4M	115
534368S	YKB 368	4,8x368 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - TRV 4S	115
537300B	YKB 300	7,6x300 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - TRV 4T	115
537300S	YKB 300	7,6x300 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - WGT 4	115
537380B	YKB 380	7,6x380 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5	115
537380S	YKB 380	7,6x380 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5 A	115
538450B	YKB 450	8,0x450 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5 CX2	115
538450S	YKB 450	8,0x450 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5 ET	115
538450S	YKB 450	8,0x450 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5-2F	115
539762B	YKB 762	9,0x762 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5-2FT	115
539762B	YKB 762	9,0x762 mm. Beyaz / White	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5-3F	115
539762S	YKB 762	9,0x762 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5-3FT	115
539762S	YKB 762	9,0x762 mm. Siyah / Black	108	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5-3S	115
541210B	YK 1	Beyaz / White	109	561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5C	115

Sip. No. Cat. No.	Tip Type	Sayfa Page	Sip. No. Cat. No.	Tip Type	Sayfa Page	
561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5CT	591 030	KCK-406	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)	112
561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5E	591 031	KCK-506	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)	112
561 030	ITK 3 (0,6 x 3,5)	tornavida / screwdriver - YBK 2,5T	591 032	KCK-606	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)	112
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - AVK / EK6	592 010	KIK 1/1,5	Faston Kablo Pabucu (İğne Uçlu) / Insulated Terminal (Pinconnectors)	112
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - AVK 10	592 020	KIK 1/2,5	Faston Kablo Pabucu (İğne Uçlu) / Insulated Terminal (Pinconnectors)	112
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - AVK 6	592 030	KIK 6	Faston Kablo Pabucu (İğne Uçlu) / Insulated Terminal (Pinconnectors)	112
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - AVK 6/10T	593 010	KFD-1288	Faston Kablo Pabucu (Dişi) / Insulated Terminal (Female disconnect)	112
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - KD 3	593 011	KFD-1488	Faston Kablo Pabucu (Dişi) / Insulated Terminal (Female disconnect)	112
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - PEK 10	593 012	KFD-1638	Faston Kablo Pabucu (Dişi) / Insulated Terminal (Female disconnect)	112
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - PEK 4	593 020	KFD-2488	Faston Kablo Pabucu (Dişi) / Insulated Terminal (Female disconnect)	112
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - PEK 6	593 021	KFD-2638	Faston Kablo Pabucu (Dişi) / Insulated Terminal (Female disconnect)	112
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - PYK 10	593 030	KFD-5638	Faston Kablo Pabucu (Dişi) / Insulated Terminal (Female disconnect)	112
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - PYK 10T	594 010	KFE-1288	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - PYK 6	594 011	KFE-1488	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - PYK 6T	594 012	KFE-1638	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - TSK 10	594 020	KFE-2488	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - WGL 1	594 021	KFE-2638	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - WGO 1	594 030	KFE-5638	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - WGO 2	595 010	IKFD-1288	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - WGO 3	595 011	IKFD-1488	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - WGT 10	595 012	IKFD-1638	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - WGT 6	595 020	IKFD-2488	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - YBK 10	595 021	IKFD-2638	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - YBK 10T	595 030	IKFD-5638	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - YBK 6	596 010	KPB-1638	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - YBK 6T	596 020	KPB-2638	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - YBK 1	596 030	KPB-5638	Faston Kablo Pabucu / Insulated Terminal	113
561 040	ITK 4 (0,8 x 4)	tornavida / screwdriver - YBK 5	597 010	KME-251	Ek Mullar / Insulated Terminal	113
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - AVK 16	597 020	KME-252	Ek Mullar / Insulated Terminal	113
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - AVK 16 RD	597 030	KME-256	Ek Mullar / Insulated Terminal	113
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - AVK 16/35T	598 010	KMT-1040	Faston Kablo Pabucu / Insulated Terminal	113
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - AVK 16T RD	598 020	KMT-2050	Faston Kablo Pabucu / Insulated Terminal	113
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - AVK 35	598 030	KMT-5050	Faston Kablo Pabucu / Insulated Terminal	113
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - AVK 35 I RD	599 010	KFT-1040	Faston Kablo Pabucu / Insulated Terminal	113
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - AVK 35 RD	599 020	KFT-2050	Faston Kablo Pabucu / Insulated Terminal	113
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - AVK 35T RD	599 030	KFT-5050	Faston Kablo Pabucu / Insulated Terminal	113
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - KD 6	630 110	RR 11	Kauçuk Rakor / Rubber Gland	114
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - KD 6A	630 135	RR 13,5	Kauçuk Rakor / Rubber Gland	114
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - KD 6T	630 160	RR 16	Kauçuk Rakor / Rubber Gland	114
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - PEK 16	630 210	RR 21	Kauçuk Rakor / Rubber Gland	114
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - PEK 35	630 290	RR 29	Kauçuk Rakor / Rubber Gland	114
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - TRV 10	630 360	RR 36	Kauçuk Rakor / Rubber Gland	114
561 050	ITK 5 (1 x 5,5)	tornavida / screwdriver - WGD 1	630 420	RR 42	Kauçuk Rakor / Rubber Gland	114
570 010	IKY 0,50/8	Turuncu / Orange				
570 020	IKY 0,75/8	Beyaz / White				
570 030	IKY 1,0/8	San / Yellow				
570 040	IKY 1,5/8	Kırmızı / Red				
570 050	IKY 2,5/8	Mavi / Blue				
570 060	IKY 4,0/9	Gri / Grey				
570 070	IKY 6,0/12	Siyah / Black				
570 080	IKY 10/12	Fildişi / Ivory				
570 090	IKY 16/12	Yeşil / Green				
570 100	IKY 25/16	Kahve / Brown				
570 110	IKY 35/25	Bej / Beige				
570 120	IKY 50/20	Zeytin / Olive				
571 010	KY 0,50/10	İzolesiz Kablo Yüksükleri / End Sleeves				
571 020	KY 0,75/10	İzolesiz Kablo Yüksükleri / End Sleeves				
571 030	KY 1,0/10	İzolesiz Kablo Yüksükleri / End Sleeves				
571 040	KY 1,5/10	İzolesiz Kablo Yüksükleri / End Sleeves				
571 050	KY 2,5/12	İzolesiz Kablo Yüksükleri / End Sleeves				
571 060	KY 4/12	İzolesiz Kablo Yüksükleri / End Sleeves				
571 070	KY 6/12	İzolesiz Kablo Yüksükleri / End Sleeves				
571 080	KY 10/12	İzolesiz Kablo Yüksükleri / End Sleeves				
571 090	KY 16/12	İzolesiz Kablo Yüksükleri / End Sleeves				
572 010	IKY 2x0,50	Turuncu / Orange				
572 020	IKY 2x0,75	Beyaz / White				
572 030	IKY 2x1,0	San / Yellow				
572 040	IKY 2x1,5	Kırmızı / Red				
572 050	IKY 2x2,5	Mavi / Blue				
572 060	IKY 2x4	Gri / Grey				
572 070	IKY 2x6	Siyah / Black				
572 080	IKY 2x10	Fildişi / Ivory				
572 090	IKY 2x16	Yeşil / Green				
590 010	KYK-301	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 011	KYK-351	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 012	KYK-401	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 013	KYK-501	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 014	KYK-601	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 015	KYK-801	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 020	KYK-302	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 021	KYK-402	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 022	KYK-502	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 023	KYK-602	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 024	KYK-802	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 025	KYK-1002	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 030	KYK-406	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 031	KYK-506	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 032	KYK-606	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 033	KYK-806	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 034	KYK-1006	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
590 035	KYK-1206	Faston Kablo Pabucu (Yuvarlak Uçlu) / Insulated Terminal (Ring type)				
591 010	KCK-301	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)				
591 011	KCK-351	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)				
591 012	KCK-401	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)				
591 013	KCK-501	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)				
591 014	KCK-601	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)				
591 021	KCK-352	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)				
591 022	KCK-402	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)				
591 023	KCK-502	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)				
591 024	KCK-602	Faston Kablo Pabucu (Çatal Uçlu) / Insulated Terminal (Fork type)				



