

KELEPÇE REZİSTANSLAR

BAND HEATERS



SERAMİK KELEPÇE REZİSTANSLAR

CERAMIC BAND HEATERS

Ürün Grupları

Types

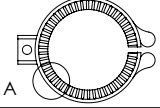
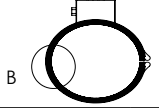
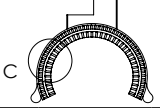
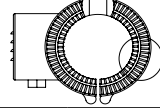
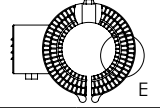
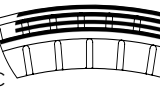
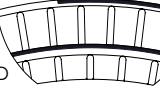
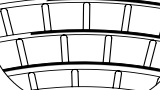
MM10 Seramik Kelepçe Rezistans
Ceramic Insulated Band Heater

MM12 Seramik Kelepçe Rezistans 1 Kat Amyantlı
Ceramic Insulated Band Heater with 1 Layer Amiant

MM14 Seramik Kelepçe Rezistans 3 Kat Amyantlı
Ceramic Insulated Band Heater with 3 Layer Amiant

MM16 Seramik Kelepçe Rezistans 1 Kat Panjurlu
Ceramic Insulated Band Heater with 1 Layer Cover

MM18 Seramik Kelepçe Rezistans 2 Kat Panjurlu
Ceramic Insulated Band Heater with 2 Layer Cover

	MM10	MM12	MM14	MM16	MM18
Ürün Görseli Image					
Malzeme Material	Galvaniz / Paslanmaz ¹ Galvanise / Stainless Steel ¹				
Ürün Kesiti Section					
et kalınlığı wall thickness	11 mm	13 mm	17 mm	24 mm	37 mm
maksimum çalışma sıcaklığı max. operating temperature	450°C				
maksimum yük (W/cm2) max. load (W/cm2)	7,5 W/cm2				
çalışma gerilimi operating voltage	9 - 400 V				
sıkma payı clamp gamp	5 - 10 mm				
yüksek voltaj kararlılığı high voltage stability	1000 V AC				
performans toleransı performance tolerance	± %5				
mengene türü clamping	Kapsül / Vidalı Capsule / Screw				
sıcaklık sensörü temperature sensor	Tip : J, K Type : J, K				

¹⁾ Standart üretim galvaniz olarak yapılır. Paslanmaz isteğiniz üzere kullanılır.
Standard production is made using galvanized material. Stainless steel material is used at your request.

Ölçüler

Dimensions

Ürün Adı Type	Ölçüler dimensions	
	Çap / Diameter (Ø)	Uzunluk / length
MM10	40 - 600 mm	18 - 500 mm
MM12	100 - 600 mm	60 - 500 mm
MM14	100 - 600 mm	80 - 500 mm
MM16	100 - 600 mm	100 - 500 mm
MM18	100 - 600 mm	100 - 500 mm

Maksimum Ölçüler İsteğiniz Doğrultusunda Arttırılabilir / larger diameters on request

MİKA KELEPÇE REZİSTANSLAR

MICA BAND HEATERS

Ürün Grupları

Types

MM30 Mika Kelepçe Rezistans
Mica Insulated Band Heater

MM31 Mika Kelepçe Rezistans 1 Kat Amyantlı
Mica Insulated Band Heater with 1 Layer Amiant

MM32 Mika Kelepçe Rezistans 3 Kat Amyantlı
Mica Insulated Band Heater with 3 Layer Amiant

MM33 Mika Kelepçe Rezistans 1 Kat Panjurlu
Mica Insulated Band Heater with 1 Layer Cover

MM34 Mika Kelepçe Rezistans 2 Kat Panjurlu
Mica Insulated Band Heater with 2 Layer Cover

	MM30	MM31	MM32	MM33	MM34
Ürün Görseli Image					
Malzeme Material	Paslanmaz / Pirinç Stainless Steel / Brass	Paslanmaz / Galvaniz Stainless Steel / Galvanise			
Ürün Kesiti Section					
et kalınlığı wall thickness	3,5 mm	6 mm	10,5 mm	17 mm	30,5 mm
maksimum çalışma sıcaklığı max. operating temperature	300°C				
maksimum yük (W/cm2) max. load (W/cm2)	4 W/cm2				
çalışma gerilimi operating voltage	9 - 400 V				
sıkma payı clamp gamp	5 - 10 mm				
yüksek voltaj kararlılığı high voltage stability	1000 V AC				
yalıtım direnci insulation resistance	1 Mohm at 500V AC				
performans toleransı performance tolerance	± %5				
mengene türü clamping	Kapsül / Vidalı Capsule / Screw				
sıcaklık sensörü temperature sensor	Tip : J, K Type : J, K				

Ölçüler

Dimensions

Ürün Adı Type	Ölçüler dimensions	
	Çap / Diameter (Ø)	Uzunluk / length
MM30	25 - 600 mm	15 - 500 mm
MM31	80 - 600 mm	50 - 500 mm
MM32	80 - 600 mm	80 - 500 mm
MM33	80 - 600 mm	100 - 500 mm
MM34	80 - 600 mm	100 - 500 mm

Maksimum Ölçüler İsteğiniz Doğrultusunda Arttırılabilir / larger diameters on request

Ürün Değişkenleri²

Product Variables²

>Voltaj ve Watt değeri
voltage and watt

>termokupl adaptörleri
thermocouple connectors

>Enerji Bağlantı Şekilleri
energy connection types

>Montaj Bağlantı Şekilleri
Installation Connection Types

>Enerji Girişi Kablo Tipleri
types of cables used in energy
connection

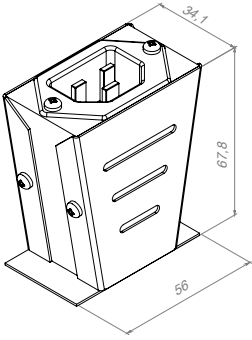
²⁾ Ser Rezistans olarak özel isteklerinize göre üretim yapabilmekteyiz. Yukarıda belirtilen değişkenlerin haricinde istekleriniz için müşteri temsilcilerimizle görüşünüz.
Ser Rezistans can produce according to your specific request. Except for the above mentioned variables, please contact our customer representative for your requests

Enerji Bağlantı Şekilleri

Energy Connection Types

Standart enerji bağlantı tipi örnekleri

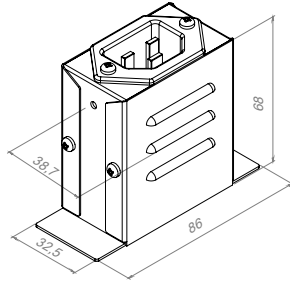
Energy Connection examples out of our
extensive standard program:



AVRUPE ÜTÜ FİŞİ BAĞLANTISI
ÜÇGEN KASA

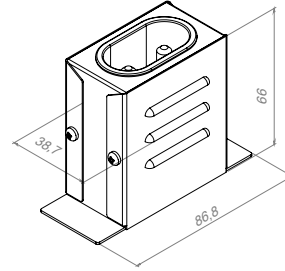
3 PINS PLUG CONNECTION
TRIANGLE TYPE

PRODUCT ID
YM0103002002



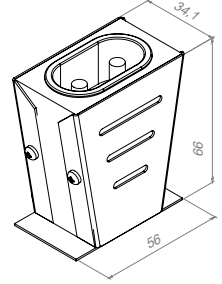
AVRUPE ÜTÜ FİŞİ BAĞLANTISI
3 PINS PLUG CONNECTION

PRODUCT ID
YM0103002003



YERLİ ÜTÜ FİŞİ BAĞLANTISI
2 PINS PLUG CONNECTION

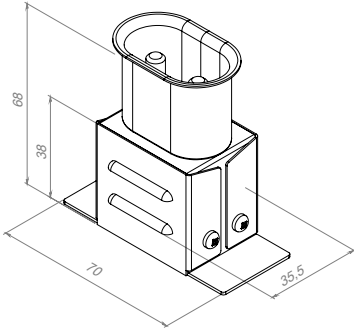
PRODUCT ID
YM0103001001



YERLİ ÜTÜ FİŞİ BAĞLANTISI
ÜÇGEN KASA

2 PINS PLUG CONNECTION
TRIANGLE TYPE

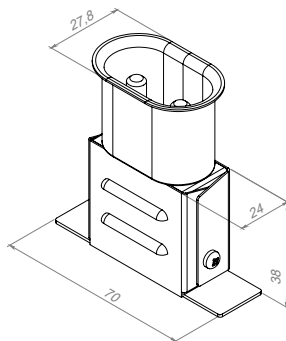
PRODUCT ID
YM0103001002



YERLİ ÜTÜ FİŞİ BAĞLANTISI
KÜÇÜK GENİŞ KASA

2 PINS PLUG CONNECTION
WIDE-BOX

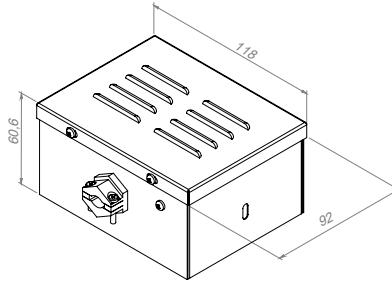
PRODUCT ID
YM0103001003



YERLİ ÜTÜ FİŞİ BAĞLANTISI
DAR KASA

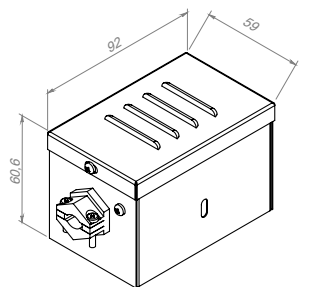
2 PINS PLUG CONNECTION
NARROW-BOX

PRODUCT ID
YM0103001004



BK.001 5 NOLU BAĞLANTI
KUTUSU KLEMENSLİ
CONNECTION BOX with
TERMINAL NO:5

PRODUCT ID
YM0101001500



BK.002 4 NOLU BAĞLANTI
KUTUSU KLEMENSLİ
CONNECTION BOX with
TERMINAL NO:4

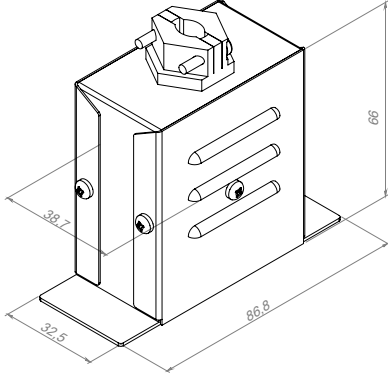
PRODUCT ID
YM0101001400

Enerji Bağlantı Şekilleri

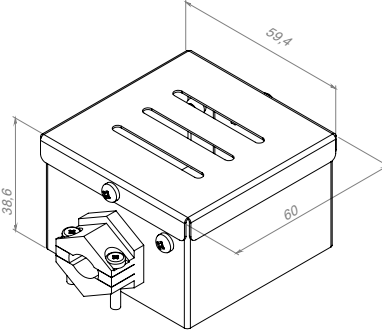
Energy Connection Types

Standart enerji bağlantı tipi örnekleri

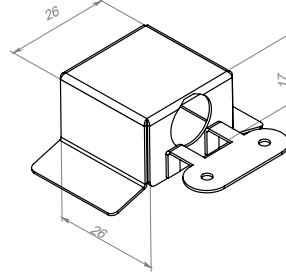
Energy Connection examples out of our extensive standard program:



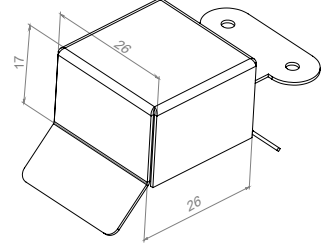
**BK.004 1 NOLU BAĞLANTI
KUTUSU KLEMENSLİ**
CONNECTION BOX with
TERMINAL NO:1
PRODUCT ID
YM0101001100



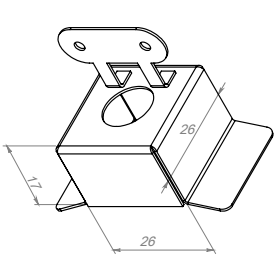
**BK.005 3 NOLU BAĞLANTI
KUTUSU KLEMENSLİ**
CONNECTION BOX with
TERMINAL NO:3
PRODUCT ID
YM0101001300



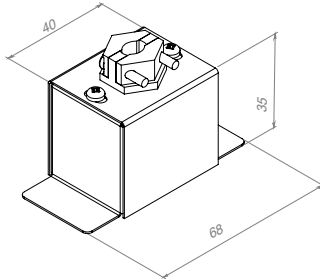
KABLO KUTUSU NO:1
CABLE BOX NO:1
PRODUCT ID
YM0102001001



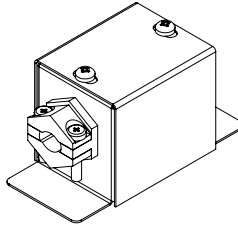
KABLO KUTUSU NO:2
CABLE BOX NO:2
PRODUCT ID
YM0102001002



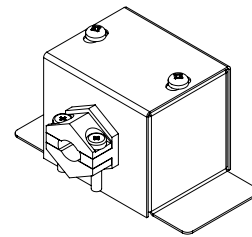
KABLO KUTUSU NO:3
CABLE BOX NO:3
PRODUCT ID
YM0102001003



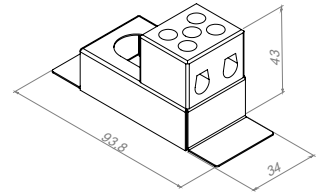
KABLO KUTUSU NO:6
CABLE BOX NO:6
PRODUCT ID
YM0102001006



KABLO KUTUSU NO:7
CABLE BOX NO:7
PRODUCT ID
YM0102001007



KABLO KUTUSU NO:8
CABLE BOX NO:8
PRODUCT ID
YM0102001008



L KLEMENS BAĞLANTI
L TYPE TERMINAL CONNECTION
PRODUCT ID
YM0104001001

Uyarı!

Warning!

>ürün kullanım yerine düzgün bir şekilde yerleştirilmeli
the product should be placed properly at the place of use

>ürün etiketi üzerinde yazılı olan voltaj değeri
uygulanmalı
the voltage value on the label can be used

>ürün ısındıktan sonra, kullanıldığı yerde montajı tekrar
kontrol edilmeli
after the product is heated, installation of the product at the
place of use should be checked

>ürün dışarıdan gelebilecek ve kırılmaya neden
olabilecek herhangi bir darbeye maruz kalmamalıdır.
product should not be subjected to any impact that may come
from the outside and cause breakage

>sıvı veya hammadde ile temas etmemeli
the product should be kept away from liquid or raw materials