



Ürün tanımı

Note:

Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste is used for termination.

"Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

Using terminal blocks with PUSH WIRE® Spring Pressure Connection Technology, **aluminum conductors must first be cleaned with a blade** and then immediately be inserted into the clamping units filled with "Alu-Plus" Contact Paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors:

2.5 mm² (14 AWG) = 16 A

4 mm² (12 AWG) = 22 A

Güvenlik bilgisi 1:

Topraklı elektrik hatlarında



Veri

Elektrik Verisi

Ratings per IEC/EN 60664-1

Anma gerilimi (II / 2)	400 V
Şok gerilimi(2)	4 kV
Nominal akım	24 A
Legend (ratings)	(II / 2) Δ Overvoltage category II / Pollution degree 2

Bağlantı verisi

Connection type (1)	Installation side:
Bağlantı teknolojisi	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Tek damarlı boylar	1 ... 2,5 mm² / 16 ... 14 AWG
Sıyırma uzunluğu	9 ... 11 mm / 0.35 ... 0.43 inch
Connection type (2)	Lighting side:
Bağlantı tipi 2	CAGE CLAMP®
Number of connection points	1
tek damarlı, bağlanabilir	0,5 ... 2,5 mm² / 20 ... 14 AWG
ince bükümlü, bağlanabilir	0,5 ... 2,5 mm² / 20 ... 16 AWG
Toplam bağlantı noktası sayısı	3
Toplam potansiyel sayısı	1
Kablolama tipi	Yandan girişli kablolama

Geometrical Data

Width	9,5 mm / 0.374 inch
Height	15,5 mm / 0.61 inch
Depth	20,5 mm / 0.807 inch

Material Data

Renk	black
Yangın yükü	0,057 MJ
Ağırlık	2,5

Environmental Requirements

Continuous operating temperature	120 °C
----------------------------------	--------

Ticari Veri

SAP'den ambalaj tipi	BOX
Country of origin	CH
GTIN	4044918583787
Customs Tariff No.	85369010000

Onaylar / Belgeler**Country specific Approvals**

Logo	Onay	İlave Onay Metni	Belge adı
	CSA DEKRA Certification B.V.	C22.2	1053495
	VDE VDE Prüf- und Zertifizierungsinstitut	EN 60998	40022792

Ship Approvals

Logo	Onay	İlave Onay Metni	Belge adı
	ABS American Bureau of Shipping	-	18- HG1755093- PDA
	BV Bureau Veritas S.A.	EN 60998	11914/C0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
	LR Lloyds Register	EN 60998	04/20013 (E8)

UL-Approvals

Logo	Onay	İlave Onay Metni	Belge adı
	UL UL International Germany GmbH	EN 60998	CCA- 2617-A1
	UL UL International Germany GmbH	EN 60998	D-05895- A1 (EN60998-



Uyumlu ürünler

General accessories



Ürün no.: 249-130

Şırınga; İçerik: 20 ml Alu-Plus kontak macunu

www.wago.com/249-130

Dosya İndirme Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
2,1 MB

İndir

CAD/CAE-Data

CAD data

2D/3D Models 224-114

URL

İndir

CAE data

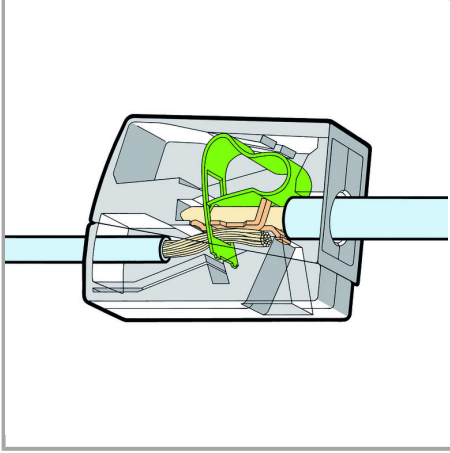
EPLAN Data Portal 224-114

İndir

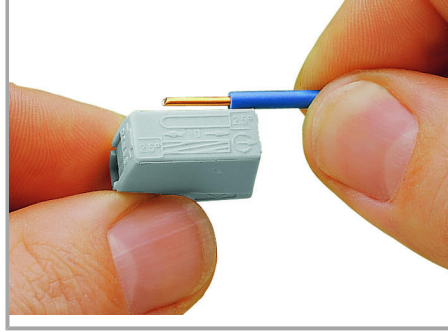
WSCAD Universe 224-114

İndir

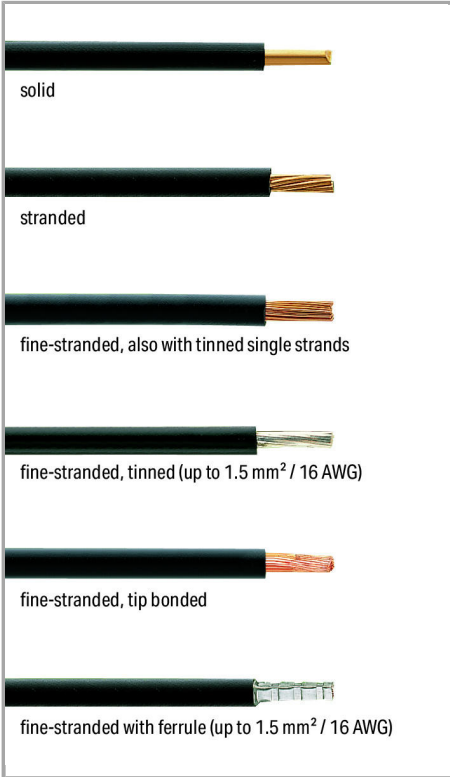
Installation Notes



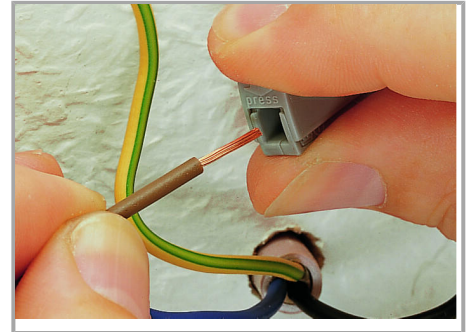
Lighting Connectors, 2.5 mm² (12 AWG), 224 Series



Strip conductor to 9 ... 11 mm (0.35 ... 0.43 inch).



To connect: Press button fully, insert stripped conductor into square entry and release.

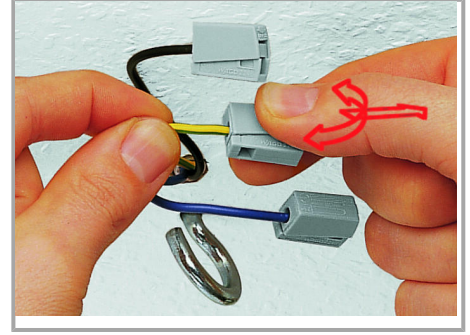
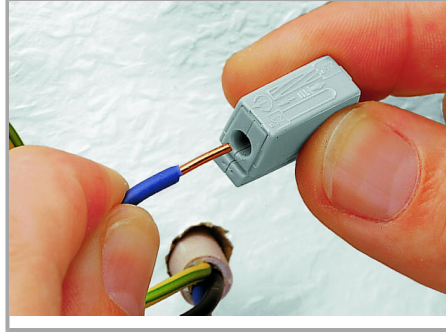


To remove: Press button and withdraw conductor.

Değişikliklere tabidir.

WAGO Elektronik Sanayi ve Ticaret Ltd. Şti.
Yukarı Dudullu Mahallesi Bayraktar Bulvarı
Cad. Hattat Sok. No. 10 | 34775 Ümraniye - İstanbul
Tel.: +90 216 472 1133 111 | Fax: +90 216 472 9910
Email: info.tr@wago.com

Ürünlerimizle ilgili sorularınız mı var?
+90 216 472 1133 numaralı telefondan sizinle konuşmaktan mutluluk duyarız.



To connect: Insert stripped solid conductor into circular entry and push until it hits the backstop.

To remove: Hold conductor to be removed and twist alternately left and right while slightly pulling the connector.



Testing via separate test ports.

Değişikliklere tabidir.

WAGO Elektronik Sanayi ve Ticaret Ltd. Şti.
Yukarı Dudullu Mahallesi Bayraktar Bulvarı
Cad. Hattat Sok. No. 10 | 34775 Ümraniye - İstanbul
Tel.: +90 216 472 1133 111 | Fax: +90 216 472 9910
Email: info.tr@wago.com

Ürünlerimizle ilgili sorularınız mı var?
+90 216 472 1133 numaralı telefondan sizinle konuşmaktan mutluluk
duyarız.