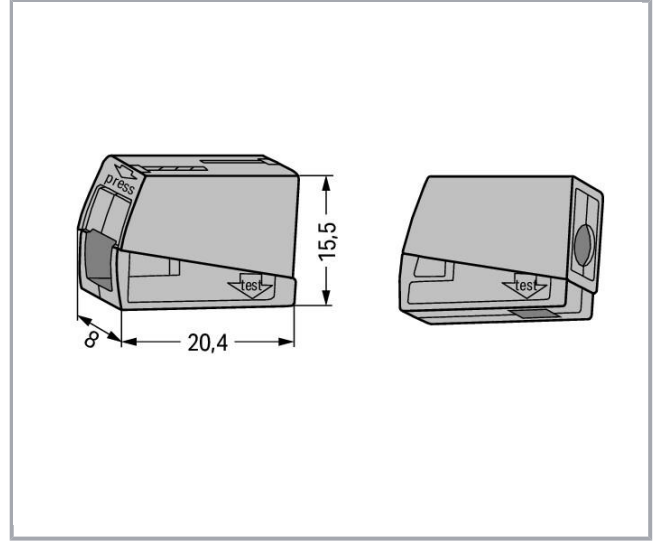
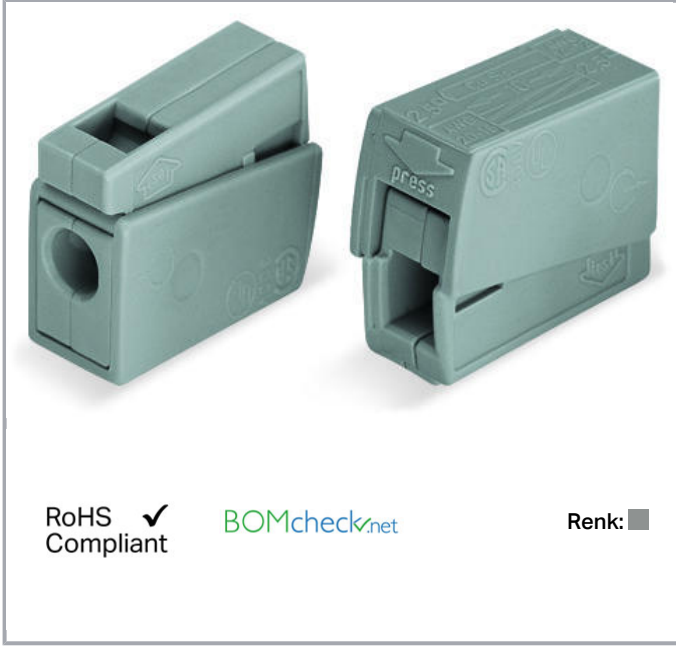




Ürün tanımı

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 mm ² / 14 ... 12 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 mm ² / 20 ... 16 AWG
ince bükümlü, bağlanabilir	0,5 ... 2,5 mm ² / 20 ... 16 AWG
Toplam bağlantı noktası sayısı	2
Toplam potansiyel sayısı	1
Kablolama tipi	Yandan girişli kablolama

Geometrical Data

Width	8 mm / 0.315 inch
Height	15,5 mm / 0.61 inch
Depth	20,4 mm / 0.803 inch

Material Data

Renk	gray
Yangın yükü	0,041 MJ
Ağırlık	2,1

Environmental Requirements

Continuous operating temperature	105 °C
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Ticari Veri

SAP'den ambalaj tipi	BOX
Country of origin	CH
GTIN	4044918583817
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	D-05895- A1 (EN60998- 1 EN60998- 2-2)
	UL	EN 60998	CCA-

CCA

UL International Germany GmbH

2617-A1



WIRE CONNECTOR
667F

UL

UL International Germany GmbH

UL 486C

E69654

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 224-101

URL

İndir

CAE data

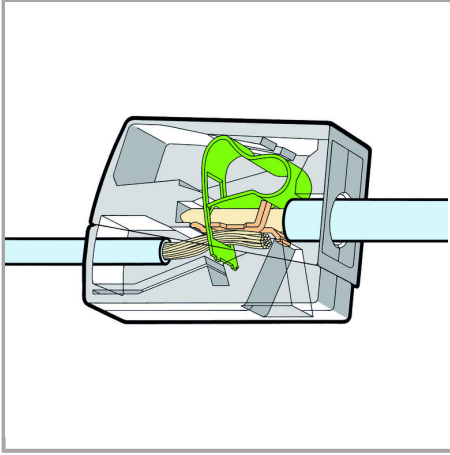
EPLAN Data Portal 224-101

İndir

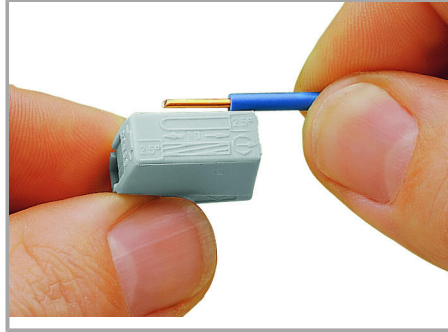
WSCAD Universe 224-101

İndir

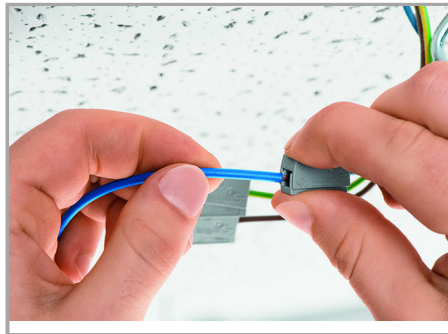
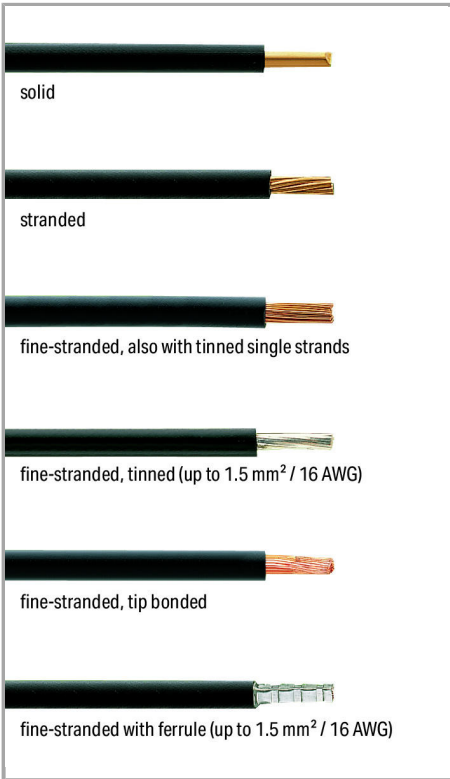
Installation Notes



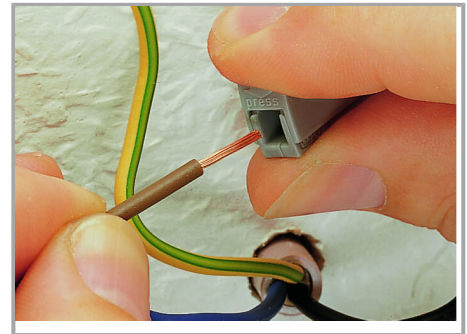
Lighting Connectors, 2.5 mm² (12 AWG), 224 Series



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



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

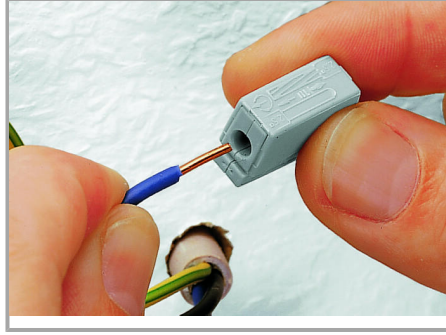


To remove: Press button and withdraw conductor.

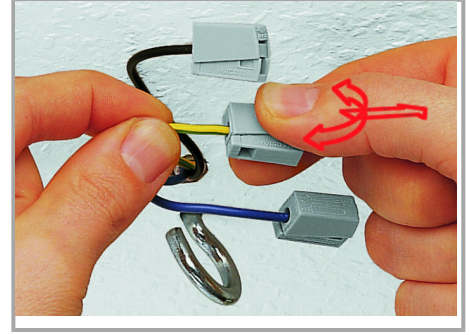
Değişikliklere tabidir.

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.

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duyarız.



Connecting solid conductors with fine-stranded conductors via lighting connectors (224-101).

Değişikliklere tabidir.

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