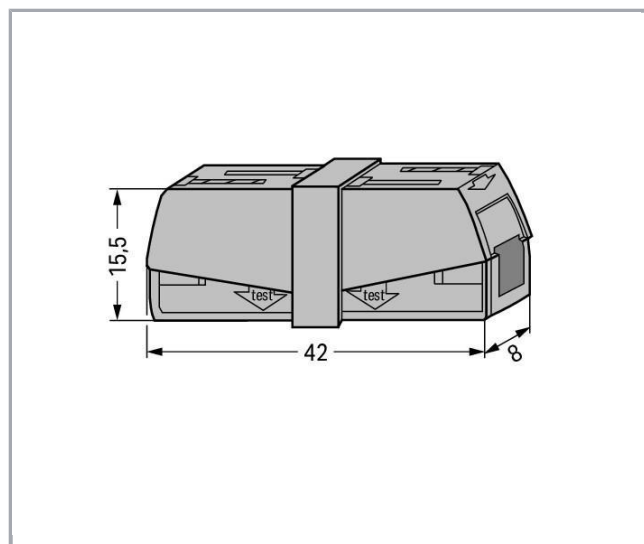


Gegevensblad | Artikelnummer: 224-201

Service connector; push-button on both sides; Lighting side: for all conductor types; Inst. side: for all conductor types; 224 Series; max. 2.5 mm²; Surrounding air temperature: max 60°C; 2,50 mm²; gray

www.wago.com/224-201



RoHS 
Compliant

[BOMcheck.net](https://www.bomcheck.net)

Kleur: 

Artikelbeschrijving

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.

Wijzigingen voorbehouden. Let ook op de verdere productdocumentatie!

WAGO BeLux nv
Excelsiorlaan 11
1930 Zaventem
Telefoon.: +32 (0)2 717 90 90 | Fax: +32 (0)2 717 90 99
E-mail: info-be@wago.com | Web: www.wago.be

Hebt u vragen over onze producten?
U kunt ons telefonisch bereiken op het nr. +32 (0) 2 7179090.



For spring clamp connections with PUSH WIRE® connection technology, **WAGO recommends that the aluminum conductor first be cleaned and then immediately inserted into the clamping unit 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 = 16 A

4 mm² = 22 A

Safety information 1:

in grounded power lines

Gegevens

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	EN 60664
Nominal voltage (II/2)	400 V
Rated surge voltage (II/2)	4 kV
Rated current	24 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Solid conductor	0.5 ... 2.5 mm ² / 20 ... 16 AWG
Fine-stranded conductor	0.5 ... 2.5 mm ² / 20 ... 16 AWG
Strip length	9 ... 11 mm / 0.35 ... 0.43 inch
Total number of connection points	2
Total number of potentials	1
Wiring type	Side-entry wiring

Geometrical Data

Width	8 mm / 0.315 inch
Height	15.5 mm / 0.61 inch
Depth	42 mm / 1.654 inch

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Material Data

Color	gray
Fire load	0,099 MJ
Weight	4,6 g

Commercial data

Packaging type	BOX
Country of origin	CH
GTIN	4044918818407
Customs tariff number	85369010000

Vergunningen / certificaten

Country specific Approvals

Logo	Vergunning	Norm	Certificaatsnaam
	CSA DEKRA Certification B.V.	C22.2	1053495
	VDE VDE Prüf- und Zertifizierungsinstitut	EN 60998	40022792

Ship Approvals

Logo	Vergunning	Norm	Certificaatsnaam
	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)

Wijzigingen voorbehouden. Let ook op de verdere productdocumentatie!

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UL-Approvals

Logo	Vergunning	Norm	Certificaatsnaam
	UL UL International Germany GmbH	EN 60998	CCA-2617-A1
	UL UL International Germany GmbH	EN 60998	D-05895-A1 (EN60998-1 EN60998-2-2)
	UL UL International Germany GmbH	UL 486C	E69654

Relevante producten

General accessories

	Artikelnummer: 249-130 Syringe; Contents: 20 ml Alu-Plus contact paste	www.wago.com/249-130
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Downloads

Documentation

Bid Text

224-201 GAEB X81 - Datei	19-feb-2019	xml 3,2 kB	Download
224-201 GAEB docx - Datei	21-feb-2019	docx 15,5 kB	Download
Additional Information Technical explanations	3-apr-2019	pdf 2,1 MB	Download

Wijzigingen voorbehouden. Let ook op de verdere productdocumentatie!

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CAD/CAE-Data

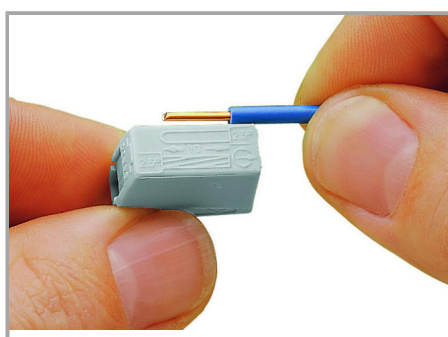
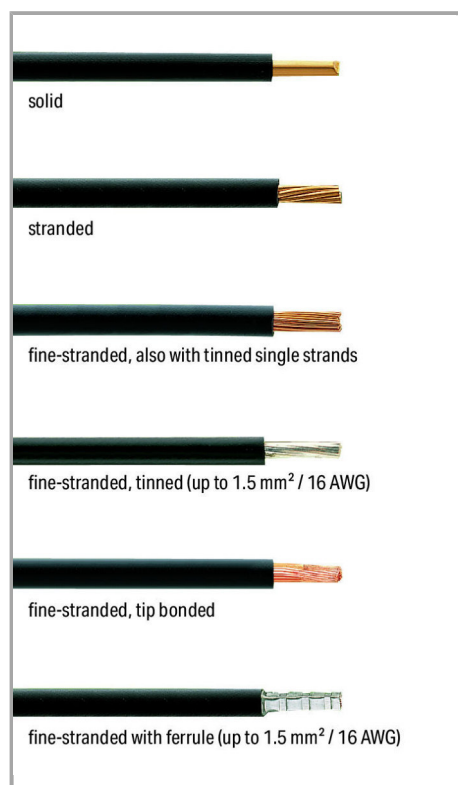
CAD data

2D/3D Models 224-201	URL	Download
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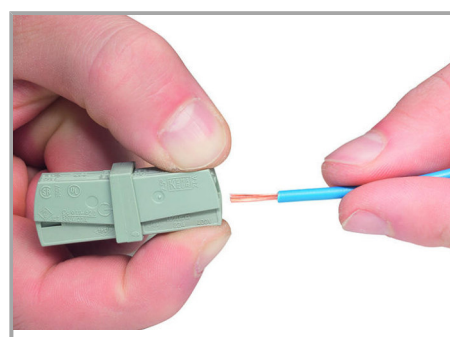
CAE data

EPLAN Data Portal 224-201	URL	Download
WSCAD Universe 224-201	URL	Download
ZUKEN Portal 224-201	URL	Download

Gebruiksaanwijzingen



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



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

Application

Wijzigingen voorbehouden. Let ook op de verdere productdocumentatie!

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"Service" connectors

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