

Gegevensblad | Artikelnummer: 2273-205

COMPACT splicing connector; for solid conductors; max. 2.5 mm²; 5-conductor; transparent housing; yellow cover; Surrounding air temperature: max 60°C (T60); 2,50 mm²; transparent

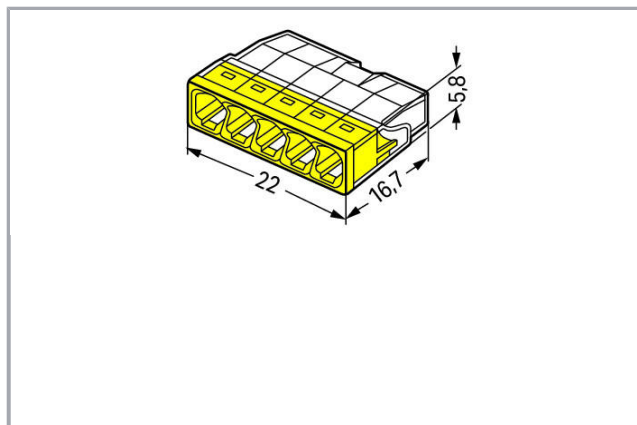
www.wago.com/2273-205



RoHS
Compliant

BOMcheck.net

Kleur: ■



Artikelbeschrijving

Advantages:

- Convenient wiring via an extremely compact design
- Push-in termination of up to eight solid conductors
- Cross-section range: 0.5 ... 2.5 mm²
- Any combination of conductor sizes is possible
- PUSH WIRE® connection terminates solid ("s") copper conductors

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
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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	IEC/EN 60664-1
Nominal voltage (II/2)	450 V
Rated surge voltage (II/2)	4 kV
Rated current	24 A
Legend (ratings)	(II / 2) $\triangleq$ Overvoltage category II / Pollution degree 2

Connection data

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Solid conductor	0.5 ... 2.5 mm² / 20 ... 16 AWG
Strip length	11 mm / 0.43 inch
Total number of connection points	5
Total number of potentials	1
Wiring type	Side-entry wiring

Geometrical Data

Width	22 mm / 0.866 inch
Height	5.8 mm / 0.228 inch
Depth	16.7 mm / 0.657 inch

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Material Data

Color	yellow
Cover color	yellow
Flammability class per UL94	V2
Fire load	0,03 MJ
Weight	1,6 g

Environmental Requirements

Surrounding air temperature (operation)	60 ... 60 °C
Continuous operating temperature	105 ... 105 °C
Temperature marking per EN 60998	T60

Commercial data

Product Group	7 (Push Wire Conn.)
Packaging type	BOX
Country of origin	DE
GTIN	4050821027874
Customs tariff number	85369010000

Vergunningen / certificaten

Country specific Approvals

Logo	Vergunning	Norm	Certificaatsnaam
	VDE VDE Prüf- und Zertifizierungsinstitut	EN 60998	40029794

Ship Approvals

Logo	Vergunning	Norm	Certificaatsnaam
	ABS American Bureau of Shipping	-	15-HG1419918-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
	LR Lloyds Register	EN 60998	04/20013 (E8)

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Relevante producten

General accessories



Artikelnummer: 249-130

Syringe; Contents: 20 ml Alu-Plus contact paste

www.wago.com/249-130

Mounting adapter



Artikelnummer: 2273-500

Mounting carrier; for single- and double-row con.; 2273 Series; for DIN-35 rail mounting/screw mounting; orange

www.wago.com/2273-500

Downloads

Documentation

Bid Text

2273-205	19-feb-2019	xml	Download
GAEB X81 - Datei		3,2 kB	

2273-205	17-mei-2017	doc	Download
doc - Datei		25,1 kB	

Additional Information

Technical explanations	3-apr-2019	pdf	Download
		2,1 MB	

CAD/CAE-Data

CAD data

2D/3D Models 2273-205	URL	Download
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CAE data

EPLAN Data Portal 2273-205	URL	Download
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WSCAD Universe 2273-205	URL	Download
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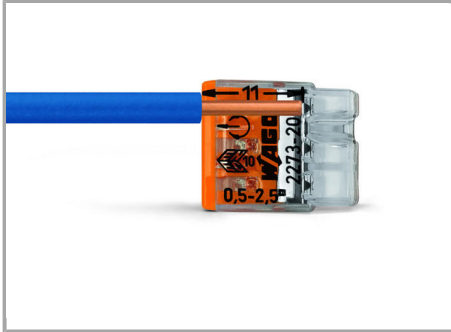
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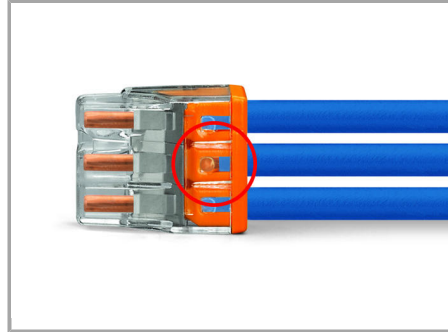
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Gebruiksaanwijzingen

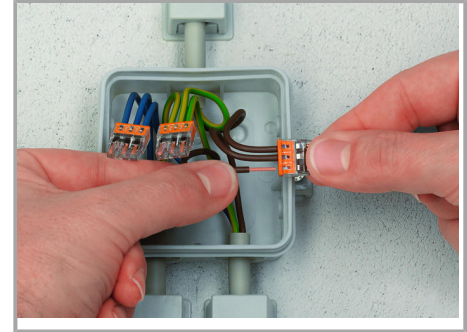
Conductor termination



Strip solid conductor to 11 mm / 0.43 inch (see marking).

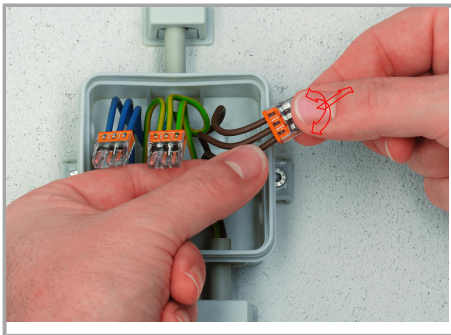


The transparent housing shows if conductors are fully inserted; within the colored base, a clear port shows if the conductor's strip length is correct.



Termination: Insert stripped solid conductor until it hits backstop.

Conductors are correctly stripped if the clear port shows no bare conductor on the unprinted connector side. Picture shows center conductor with exceeded strip length.



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

Testing

Wijzigingen voorbehouden. Let ook op de verdere productdocumentatie!



Testing via test port opposite to conductor entry.

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