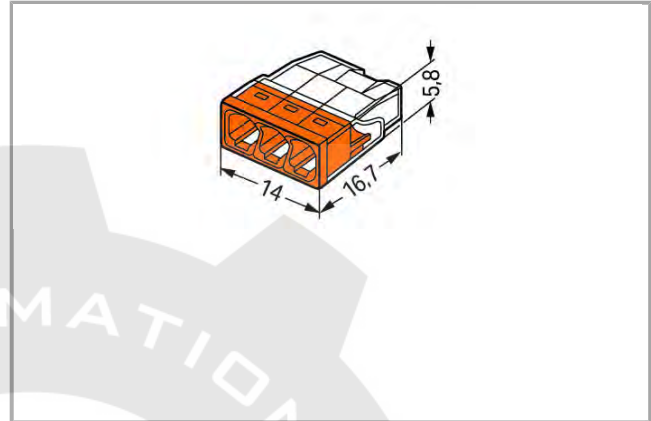


Data sheet | Item number: 2273-203

COMPACT splicing connector; for solid conductors; max. 2.5 mm²; 3-conductor; transparent housing; orange cover; Surrounding air temperature: max 60°C (T60); 2,50 mm²; transparent



2273-203



RoHS Compliant

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

Item description

Advantages:

- Convenient wiring via extremely compact design
- Push-in termination of up to eight solid conductors
- Cross section range: 0.5 ... 2.5 mm² (18 ... 14 AWG)
- 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.



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

Safety information 1:

In grounded power lines

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (II / 2)	450 V
Rated impulse voltage (II / 2)	4 kV
Rated current	24 A

Connection data

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Solid conductor	0.5 2.5 mm ² / 20 14 AWG
Strip length	11 mm / 0.43 inch
Total number of connection points	3
Total number of potentials	1
Type of wiring	Side-entry wiring

Geometrical Data

Width	14 mm / 0.551 inch
Height	5.8 mm / 0.228 inch
Depth	16.7 mm / 0.657 inch

Material Data

Color	transparent
Cover color	orange
Flammability class per UL94	V2
Fire load	0.019 MJ

Weight	1.017 g
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Environmental Requirements

Surrounding air (operating) temperature	60 °C
Continuous operating temperature	105 °C
T-Marking per EN 60998	T60

Commercial data

Product Group	7 (Push Wire Conn.)
Country of origin	DE
GTIN	4050821027850
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	15- HG1419918- PDA
	VDE VDE Prüf- und Zertifizierungsinstitut	EN 60998	40029794

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	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)

Compatible products

General accessories

**Item no.: 2273-500**

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

2273-500

**Item no.: 249-130**

Syringe; Contents: 20 ml Alu-Plus contact paste

249-130

Downloads

Documentation

Bid Text

2273-203

doc
25.1 kB

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Additional Information

Technical explanations

Apr 3, 2019

pdf
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Subject to changes.