

Data Sheet | Item Number: 2273-203/995-030

PUSH WIRE® 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

<https://www.wago.com/2273-203/995-030>



Color: transparent

Vorteile:

- Komfortables Verdrahten durch kleinstmögliche Bauform
- Bis zu 8 eindrätige Leiter steckbar
- Querschnittsbereich: 0,5 ... 2,5 mm²
- Querschnitte individuell mischbar
- Klemmen eindrätiger Kupferleiter („e“) mittels Steckklemmanschluss

Notes

Sicherheitshandhabungshinweis

NOTICE: Observe installation and safety instructions!

- **Only to be used by electricians!**
- Do not work under voltage/load!
- Use only for proper use!
- Observe national regulations/standards/guidelines!
- Observe technical specifications for the products!
- Observe the number of permissible potentials!
- Do not use damaged/dirty components!
- Observe conductor types, cross-sections and strip lengths!
- Insert conductor until it hits the product's backstop!
- Use original accessories!

To be sold only with installation instructions!

Safety information

in grounded power lines

Electrical data

Ratings per	IEC/EN 60998		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	450 V
Rated surge voltage	-	-	4 kV
Rated current	-	-	24 A

Approvals per	UL 486C		
Use group	B	C	D
Rated voltage	-	-	-

Connection data

Connection points	3
Total number of potentials	1

Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum

Connectable conductor materials (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 [249-130](#) 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.

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

Solid conductor	0.5 ... 2.5 mm ² / 20 ... 16 AWG
Strip length	11 mm / 0.43 inches
Wiring direction	Side-entry wiring

Physical data

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

Material data

Note (material data)	Information on material specifications can be found here
Color	transparent
Cover color	orange
Flammability class per UL94	V2
Fire load	0.019 MJ
Weight	1 g

Environmental requirements

Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °C
Temperature marking per EN 60998	T60

Commercial data

PU (SPU)	540 (30) pcs
Country of origin	DE
GTIN	4066966001631
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

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Environmental Product Compliance 2273-203/995-030	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Moisture protection



Item No.: 207-1332
 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 2; gray

1.1.2 Mounting adapter

1.1.2.1 Mounting accessories



Item No.: 2273-500
 Mounting carrier; for single- and double-row con.; 2273 Series; for DIN-35 rail mounting/screw mounting; orange

1.1.3 Tool

1.1.3.1 "Alu-Plus" contact paste

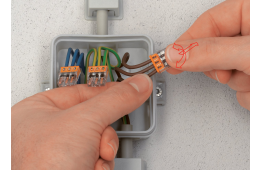
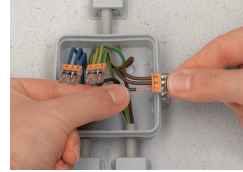


Item No.: 249-130

Syringe; Contents: 20 ml Alu-Plus contact paste

Installation Notes

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. 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.

Termination: Insert the stripped solid conductor until it hits the backstop.

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

Testing



Testing via test port opposite to conductor entry.