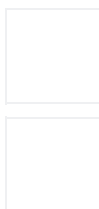


Item no. 773-108

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; max. 2.5 mm²; 8-conductor; transparent housing; dark gray cover; Surrounding air temperature: max 60°C; 2,50 mm²



Stock item

List price per piece* On request
 Price and availability after [Login](#)
 Your price per piece* On request

PU (SPU): 500 (50) Piece

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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.

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

Safety information 2:

When using conductors of the same diameter, 0.75 mm²/18 AWG cross-section is also possible.

Details

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
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	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Solid conductor	0,75 ... 2,5 mm² / 18 ... 12 AWG
Stranded conductor	1,5 ... 2,5 mm² / 16 ... 12 AWG

Geometrical Data

Width	24 mm / 0.945 inch
Height	13,1 mm / 0.516 inch
Depth	19,5 mm / 0.768 inch

Material Data

Cover color	dark gray
Flammability class per UL94	V2
Fire load	0.098 MJ
Weight	4.6 g

Environmental Requirements

Surrounding air temperature (operation)	60 ... 60 °C
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Commercial data

Product Group	7 (Push Wire Conn.)
Packaging type	BOX
Country of origin	CN
GTIN	4044918397735
Customs tariff number	85369010000

Approvals / Certificates

Logo	Approval	Additional Approval Text	Certificate name	Language	Download
	CCA UL International Demko A/S	EN 60998	CCA-DK No. 2520	Language English Global ▾	
	CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)	Language English ▾	
	KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-101747	Language English Global ▾	

Ship Approvals

UL-Approvals

Downloads

Documentation

 Additional Information

Language English ▾

Technical explanations
3 Apr 2019

CAD/CAE-Data

Compatible products

General accessories

ITEM NO.: 249-130
Syringe; Contents: 20 ml Alu-Plus contact paste

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Mounting adapter