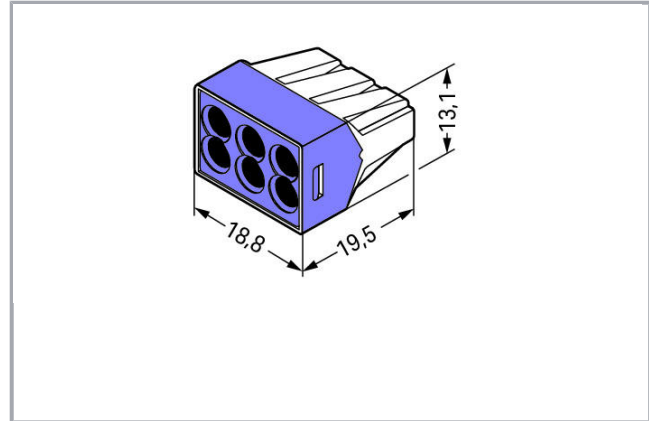


Data sheet | Item number: 773-106

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; max. 2.5 mm²; 6-conductor; transparent housing; violet cover; Surrounding air temperature: max 60°C; 2,50 mm²

www.wago.com/773-106



Item description

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**

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



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

Safety information 2:

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

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (II / 2)	400 V
Rated impulse 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 mm ² / 18 ... 12 AWG
Stranded conductor	1,5 ... 2,5 mm ² / 16 ... 12 AWG
Strip length	12 mm / 0.47 inch
Total number of connection points	6
Total number of potentials	1
Type of wiring	Side-entry wiring

Geometrical Data

Width	18,8 mm / 0.74 inch
Height	13,1 mm / 0.516 inch
Depth	19,5 mm / 0.768 inch

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Material Data

Cover color	violet
Flammability class per UL94	V2
Weight	3.5 g

Environmental Requirements





Surrounding air (operating) temperature	60 °C
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Commercial data

Product Group	7 (Push Wire Conn.)
Packaging type	BOX
Country of origin	CN
GTIN	4044918397681
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA UL International Demko A/S	EN 60998	CCA-DK No. 2520
	CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)
	KEMA/KEUR DEKRA Certification B.V.	EN 60998	71- 101747
	ÖVE Österreichischer Verband für Elektrotechnik	EN 60998	1193-031- 09

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS	-	18-

Subject to changes. Please also observe the further product documentation!



American Bureau of Shipping

HG1755093-PDA



BV
Bureau Veritas S.A.

EN 60998

11914/CO
BV



DNV GL
Det Norske Veritas, Germanischer Lloyd

EN 60998

TAE000015T





LR
Lloyds Register

EN 60998

04/20013
(E8)

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	EN 60998	D-03479-A1
	UL UL International Germany GmbH	UL 486C	E69654

Counterpart

Compatible products

General accessories

Item no.: 249-130

Syringe; Contents: 20 ml Alu-Plus contact paste

www.wago.com/249-130

Mounting adapter



Item no.: 773-332

Mounting carrier; 773 Series - 2.5 mm² / 4 mm² / 6 mm²; for DIN-35 rail mounting/screw mounting; orange

www.wago.com/773-332

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Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 773-106		URL	Download
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Installation Notes

Subject to changes. Please also observe the further product documentation!