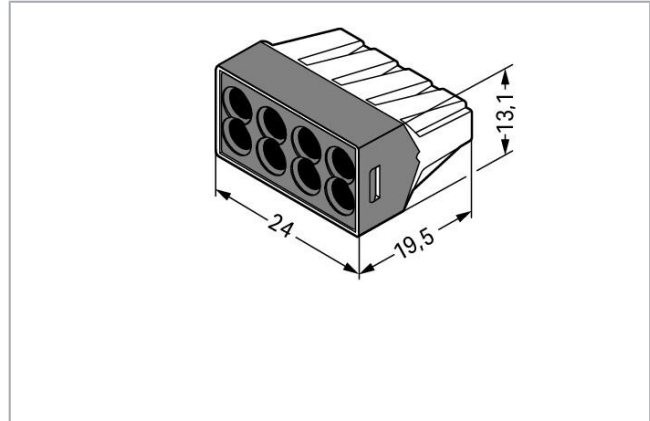
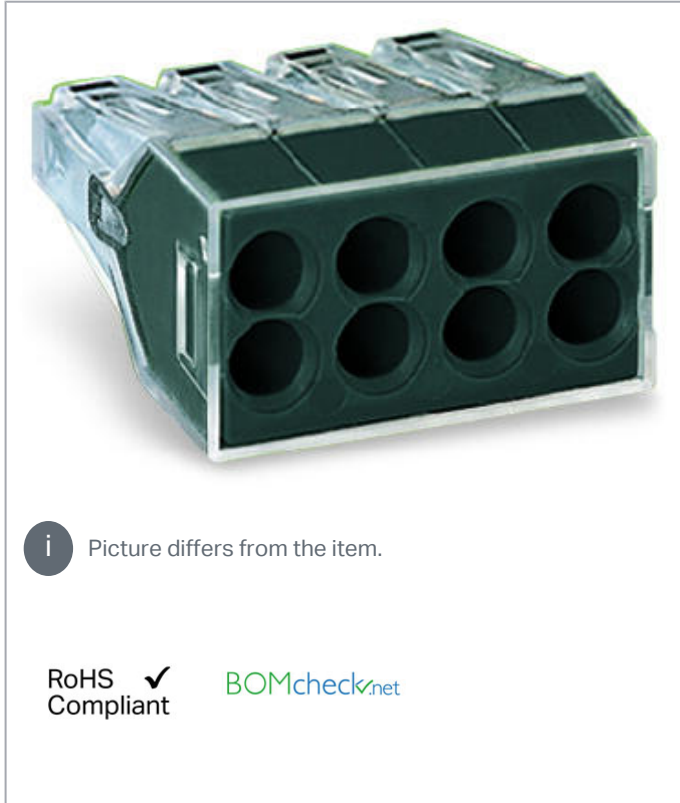


## Data sheet | Item number: 773-108

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



[www.wago.com/773-108](http://www.wago.com/773-108)



**i** Picture differs from the item.

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

### Item description

#### Note:

##### Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm<sup>2</sup>/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

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

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We are always happy to take your call at 01788 568 008.



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 mm<sup>2</sup> = 16 A

4 mm<sup>2</sup> = 22 A

**Safety information 1:**

in grounded power lines

**Safety information 2:**

When using conductors of the same diameter, 0.75 mm<sup>2</sup>/18 AWG cross-section is also possible.

## Data

### 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 mm <sup>2</sup> / 18 ... 12 AWG
Stranded conductor	1.5 ... 2.5 mm <sup>2</sup> / 16 ... 12 AWG
Strip length	12 mm / 0.47 inch
Total number of connection points	8
Total number of potentials	1
Wiring type	Side-entry wiring

### Physical data

Width	24 mm / 0.945 inch
Height	13.1 mm / 0.516 inch
Depth	19.5 mm / 0.768 inch

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## 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

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

	<b>ABS</b> American Bureau of Shipping	-	18- HG1755093- PDA
	<b>BV</b> Bureau Veritas S.A.	EN 60998	11914/CO BV
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
	<b>LR</b> Lloyds Register	EN 60998	04/20013 (E8)

#### UL-Approvals

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

#### Counterpart

#### Compatible products

#### Mounting adapter



**Item no.: 773-332**

Mounting carrier; 773 Series - 2.5 mm<sup>2</sup> / 4 mm<sup>2</sup> / 6 mm<sup>2</sup>; for DIN-35 rail mounting/screw mounting;  
orange

[www.wago.com/773-332](http://www.wago.com/773-332)

#### General accessories



**Item no.: 249-130**

Syringe; Contents: 20 ml Alu-Plus contact paste

[www.wago.com/249-130](http://www.wago.com/249-130)

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



## Downloads

### Documentation

#### Additional Information

Technical explanations	03-Apr-2019	pdf 2.1 MB	Download
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### CAD/CAE-Data

#### CAD data

2D/3D Models 773-108	URL	Download
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#### CAE data

EPLAN Data Portal 773-108	URL	Download
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WSCAD Universe 773-108	URL	Download
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ZUKEN Portal 773-108	URL	Download
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### Installation Notes

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