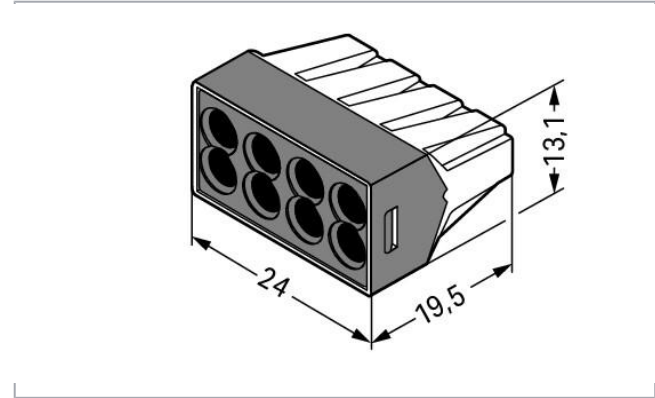


## Data sheet | Item number: 773-108

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>; multicoloured

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



### 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 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

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 01788 568 008.



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

**Material Data**

Color	multicoloured
Cover color	dark gray
Flammability class per UL94	V2

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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
	ABS American Bureau of Shipping	-	18- HG1755093- PDA

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

	<b>BV</b> Bureau Veritas S.A.	EN 60998	11914/DO 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

#### General accessories

	<b>Item no.: 249-130</b> Syringe; Contents: 20 ml Alu-Plus contact paste	<a href="http://www.wago.com/249-130">www.wago.com/249-130</a>
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#### Mounting adapter

	<b>Item no.: 773-332</b> 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	<a href="http://www.wago.com/773-332">www.wago.com/773-332</a>
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Subject to changes. Please also observe the further product documentation!



## Downloads

### Documentation

#### Additional Information

Technical explanations	03-Apr-2019	pdf 2.2 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!

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