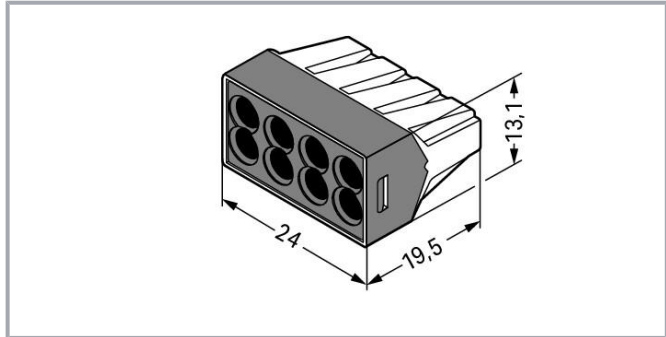


## Data sheet | Item number: 773-108

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)



### Data Notes

Safety information 1

in grounded power lines

### Electrical data

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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



## Ratings per IEC/EN

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) $\triangleq$ Overvoltage category II / Pollution degree 2

## Connection data

Total number of connection points	8
Total number of potentials	1

## Connection 1

Connection technology	PUSH WIRE <sup>®</sup>
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum

Note on connectable conductor materials

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<sup>®</sup> 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

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

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



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
Note (conductor cross-section)	When using conductors of exclusively the same cross-section, 0.75 mm <sup>2</sup> / 18 AWG is also possible.
Strip length	12 mm / 0.47 inch
Wiring direction	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

Note on material data	Information on material data can be found here
Color	multicoloured
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 °C
---	--------

## Commercial data

Product Group	7 (Push Wire Conn.)
PU (SPU)	500 (50) Stück
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

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


CCA

	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
	BV Bureau Veritas S.A.	EN 60998	11914/D0 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	UL 486C	E69654
	UL UL International Germany GmbH	EN 60998	D-03479- A1

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



## Optional accessories

### Mounting adapter

#### Mounting accessories

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)

## Downloads

### Documentation

#### Additional Information

Technical Section	pdf	Download
Technical explanations	2.2 MB	

## CAD/CAE-Data

### CAE data

EPLAN Data Portal 773-108	URL	Download
WSCAD Universe 773-108	URL	Download
ZUKEN Portal 773-108	URL	Download

### CAD data

2D/3D Models 773-108	URL	Download
----------------------	-----	----------

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 773-108	URL	Download
<p>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</p>		

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



## Installation Notes

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

---

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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