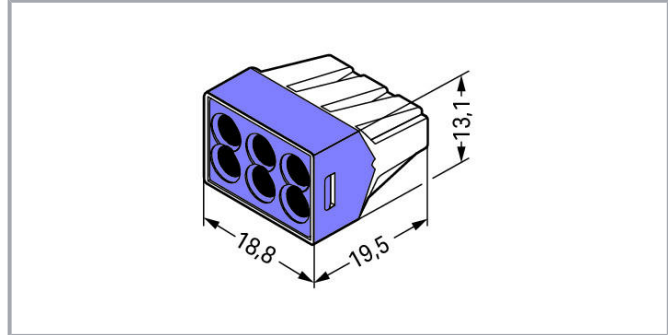


## Data sheet | Item number: 773-106

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

[www.wago.com/773-106](http://www.wago.com/773-106)



### Data Notes

Safety information 1

in grounded power lines

### Electrical data

#### 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	6
Total number of potentials	1

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.



## Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Note on connectable conductor materials	<p>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.</p> <p>"Alu-Plus" Contact Paste Advantages:</p> <ul style="list-style-type: none"> <li>■ Automatically destroys the oxide film during clamping.</li> <li>■ Prevents fresh oxidation at the clamping point.</li> <li>■ Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).</li> <li>■ Provides long-term protection against corrosion.</li> </ul> <p>For spring clamp connections with PUSH WIRE® connection technology, <b>WAGO recommends that the aluminum conductor first be cleaned</b> and then immediately inserted into the clamping unit filled with "Alu-Plus" contact paste.</p> <p>It is also possible to apply WAGO "Alu-Plus" <b>additionally</b> on the whole surface of the aluminum conductor before termination.</p> <p>Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::</p> <p>2.5 mm<sup>2</sup> = 16 A 4 mm<sup>2</sup> = 22 A</p>
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	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

Note on material data	Information on material data can be found here
Color	multicoloured
Cover color	violet
Flammability class per UL94	V2
Fire load	0.076 MJ
Weight	3.5 g

## Environmental requirements





Surrounding air temperature (operation)	+60 °C
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## Commercial data

Product Group	7 (Push Wire Conn.)
PU (SPU)	500 (50) Stück
Packaging type	box
Country of origin	CN
GTIN	4044918397681
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

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

## Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	-	18- HG1755093- PDA
	<b>BV</b> Bureau Veritas S.A.	EN 60998	11914/D0 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

## 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

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

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Technical Section  
Technical explanations

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## CAD/CAE-Data

CAE data

WSCAD Universe 773-106

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## Environmental Product Compliance

Compliance Search

Environmental Product Compliance 773-106

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

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## Installation Notes

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