

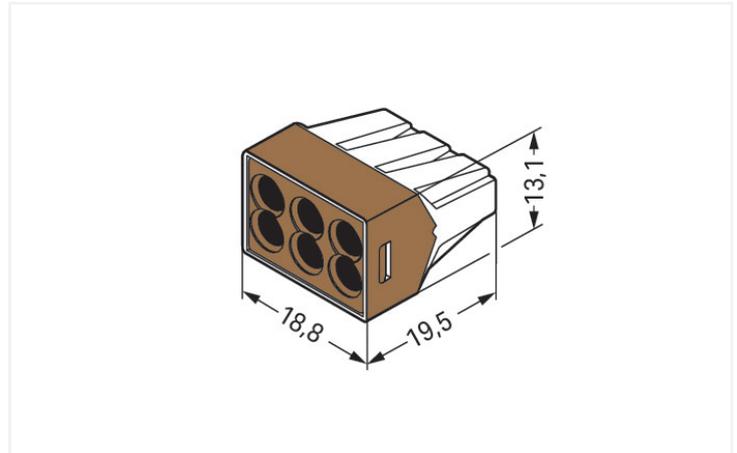
## Data Sheet | Item Number: 773-606

PUSH WIRE® splicing connector; for solid conductors; max. 4 mm<sup>2</sup>; 6-conductor;  
Brown clear housing; brown cover; Surrounding air temperature: max 60°C; 2,50  
mm<sup>2</sup>; multicoloured

<https://www.wago.com/773-606>



Color:  multi-colored



Dimensions in mm

Push wire® splicing connector, 773 Series, multi-colored

Our push wire® splicing connector (item number 773-606) is designed for seamless electrical installations. The 773 Series PUSH WIRE® connectors for junction boxes provide safe, quick, and easy installations in any building, no matter the position or location. Strip lengths must be 12 mm when connecting conductors to push wire® splicing connector. This splicing connector has a rated voltage of 400 V and can handle currents up to 32 A, making it ideal for high-load applications. This product features conductor terminals and utilizes PUSH WIRE®. Our PUSH WIRE® connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing you to clamp the conductor in place more quickly and easily. Dimensions: (18.8 x 13.1 x 19.5) mm (width x height x depth). Depending on the conductor type, push wire® splicing connector is suitable for conductor cross sections ranging from 1.5 mm<sup>2</sup> to 4 mm<sup>2</sup>.

Tin is used for coating the contact surfaces.

### Notes

General safety information

**NOTICE: Observe installation and safety instructions!**

- **Only to be used by electricians!**
- Do not work under voltage/load!
- Use only for proper use!
- Observe national regulations/standards/guidelines!
- Observe technical specifications for the products!
- Observe the number of permissible potentials!
- Do not use damaged/dirty components!
- Observe conductor types, cross-sections and strip lengths!
- Insert conductor until it hits the product's backstop!
- Use original accessories!

**To be sold only with installation instructions!**

## Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	400 V
Rated impulse withstand voltage	-	-	4 kV
Rated current	-	-	32 A

## General information

Wiring direction	Side-entry wiring
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## Connection Data

Clamping units	6
Total number of potentials	1

## Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Connectable conductor materials (note)	

**Terminating Aluminum Conductors (not for use in North America)** WAGO Spring-Clamp Terminal Blocks are also suitable for solid aluminum conductors up to 4 mm<sup>2</sup>/12 AWG if WAGO "Alu-Plus" Contact Paste [249-130](#) 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 pressure 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  
4 mm<sup>2</sup> = 22 A

Solid conductor	1.5 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Strip length	12 mm / 0.47 inches
Wiring direction	Side-entry wiring

### Physical data

Width	18.8 mm / 0.74 inches
Height	13.1 mm / 0.516 inches
Depth	19.5 mm / 0.768 inches

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	multi-colored
Cover color	brown
Flammability class per UL94	V2
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact Plating	Tin
Fire load	0.075 MJ
Weight	3.5 g

### Environmental requirements

Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °C

### Commercial data

Product Group	7 (Push Wire Conn.)
PU (SPU)	500 (50) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143088671
Customs tariff number	85369010000

### Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 9.0	EC000446
ETIM 10.0	EC000446
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
UL UL International Germany GmbH	EN 60998	D-03479-A1

#### Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	23-2417173-PDA

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product  
Compliance 773-606



## Documentation

### Bid Text

773-606	17.05.2017	doc 25.00 KB	
773-606	19.02.2019	xml 3.28 KB	
ausschreiben.de 773-606			

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Mounting adapter

##### 1.1.1.1 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

#### 1.1.2 Tool

##### 1.1.2.1 "Alu-Plus" contact paste

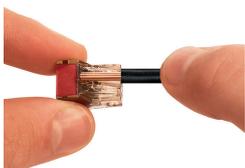


**Item No.: 249-130**

Syringe; Contents: 20 ml Alu-Plus contact paste

## Installation Notes

### Conductor termination



Strip a solid conductor to 12 mm (0.47 inch).



Termination: Insert the stripped solid conductor until it hits the backstop.



Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.

Testing



Testing via test port opposite to conductor entry.