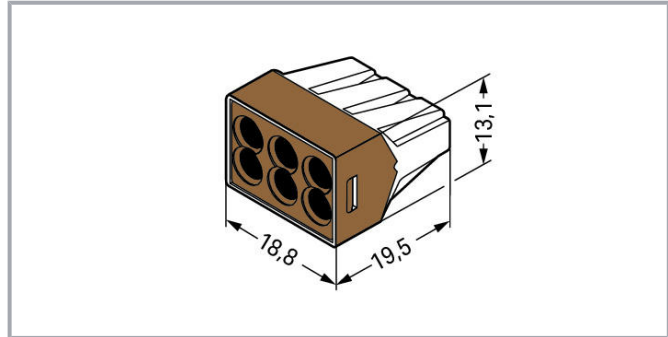


Data sheet | Item number: 773-606

PUSH WIRE® connector for junction boxes; for solid conductors; max. 4 mm²; 6-conductor; Brown clear housing; brown cover; Surrounding air temperature: max 60°C; 2,50 mm²



www.wago.com/773-606



Item description

Note:

Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 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::

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.

2.5 mm² = 16 A4 mm² = 22 A

Data

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 | 32 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 |
| Strip length | 12 mm / 0.47 inch |
| Total number of connection points | 6 |
| Total number of potentials | 1 |
| Wiring type | 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 |

Material data

| | |
|-----------------------------|----------|
| Cover color | brown |
| Flammability class per UL94 | V2 |
| Fire load | 0.029 MJ |
| Weight | 3.5 g |

Environmental requirements

| | |
|---|-------|
| Surrounding air temperature (operation) | 60 °C |
|---|-------|

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


| | |
|----------------------------------|--------|
| Continuous operating temperature | 105 °C |
|----------------------------------|--------|

Commercial data


| | |
|-----------------------|---------------------|
| Product Group | 7 (Push Wire Conn.) |
| Packaging type | BOX |
| Country of origin | CN |
| GTIN | 4055143088671 |
| Customs tariff number | 85369010000 |

Approvals / Certificates

Ship Approvals


| Logo | Approval | Additional Approval Text | Certificate name |
|--|---|--------------------------|--------------------------|
|  | ABS American Bureau of Shipping | - | 18- HG1755093- PDA |

UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | UL UL International Germany GmbH | EN 60998 | D-03479- A1 |

Optional accessories

Mounting adapter

| | | |
|---|---|--|
|  | Item no.: 773-332 Mounting carrier; 773 Series - 2.5 mm ² / 4 mm ² / 6 mm ² ; for DIN-35 rail mounting/screw mounting; orange | www.wago.com/773-332 |
|---|---|--|

General accessories

| | | |
|---|---|--|
|  | Item no.: 249-130 Syringe; Contents: 20 ml Alu-Plus contact paste | www.wago.com/249-130 |
|---|---|--|

Downloads

Documentation

Bid Text

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

| | | | |
|---|-------------|----------------|----------|
| 773-606 doc - Datei | 2017 May 17 | doc 25.6 kB | Download |
| 773-606 X81 - Datei | 2019 Feb 19 | xml 3.4 kB | Download |
| Additional Information Technical explanations | 2019 Apr 3 | pdf 2.2 MB | Download |

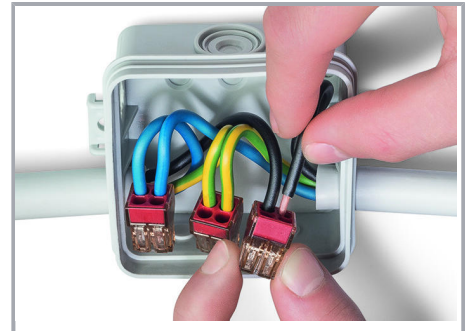
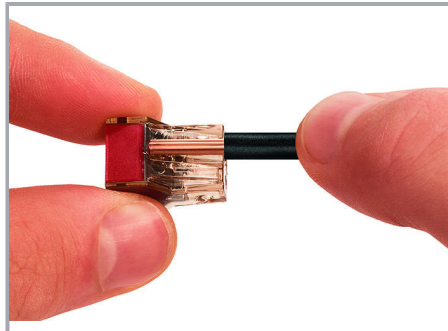
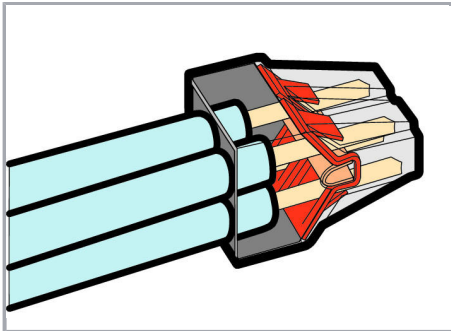
Environmental Product Compliance

Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 773-606 PUSH WIRE® connector for junction boxes; for solid conductors; max. 4 mm ² ; 6-conductor; Brown clear housing; brown cover; Surrounding air temperature: max 60° C; 2,50 mm ² | URL | Download |
|---|-----|----------|

Installation Notes

Conductor termination

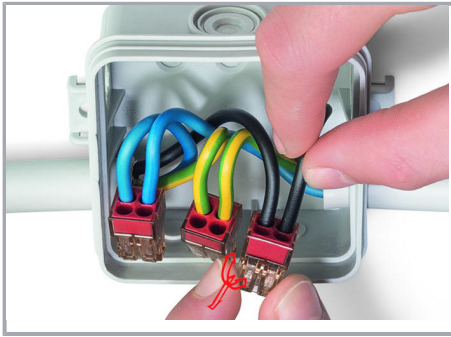


PUSH WIRE® Connector for Junction Boxes, 773 Series

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

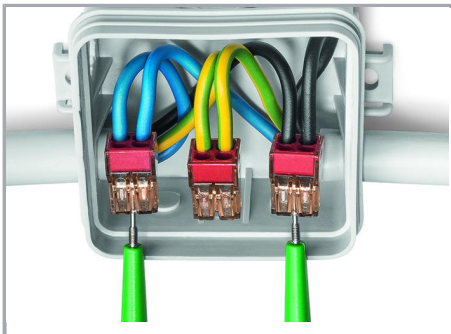
Termination: Insert the stripped solid conductor until it hits the backstop.

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



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.

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