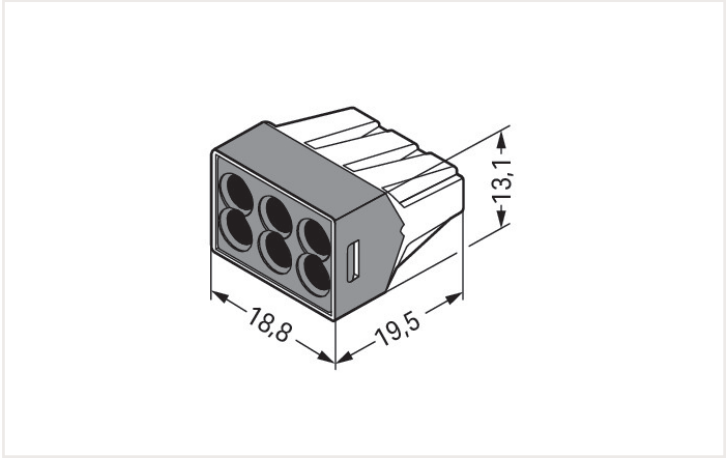


| : 773-166

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; max. 2.5 mm²; 6-conductor; transparent housing; black cover; Surrounding air temperature: max 60°C; 2,50 mm²

<https://www.wago.com/773-166>



Dimensions in mm

Notes

Safety information 1 in grounded power lines

Connection data

Total number of connection points	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
WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 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 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 mm² = 16 A
4 mm² = 22 A

Connection 1

Solid conductor	0.75 ... 2.5 mm ² / 18 ... 12 AWG
Stranded conductor	1.5 ... 2.5 mm ² / 16 ... 12 AWG
Strip length	12 mm / 0.47 inches
Wiring direction	Side-entry wiring

Approvals and certificates

Country specific Approvals



CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-101747

UL-Approvals



UL UL International Germany GmbH	UL 486C	E69654
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