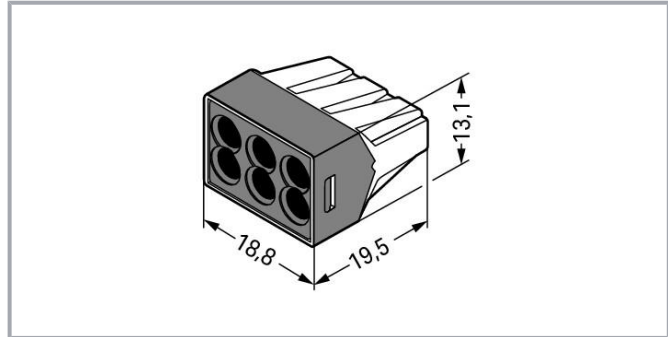


Data sheet | Item number: 773-166

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

www.wago.com/773-166



Data

Connection data

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

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



Anschließbare Leiterwerkstoffe Hinweis

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::

2.5 mm² = 16 A

4 mm² = 22 A


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 inch
Wiring direction	Side-entry wiring

Notes

Safety information 1 in grounded power lines

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)
	KEMA/KEUR	EN 60998	71-

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

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DEKRA Certification B.V.

101747

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
 LISTED WIRE CONNECTOR 667F	UL UL International Germany GmbH	UL 486C	E69654

Optional accessories

Mounting adapter

Mounting accessories



Item no.: 773-332

Mounting carrier; 773 series PUSH WIRE® connectors for junction boxes; orange

www.wago.com/773-332

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.2 MB	Download
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Installation Notes

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

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