PUSH WIRE® connector for junction boxes; 2-conductor; transparent housing; yellow face
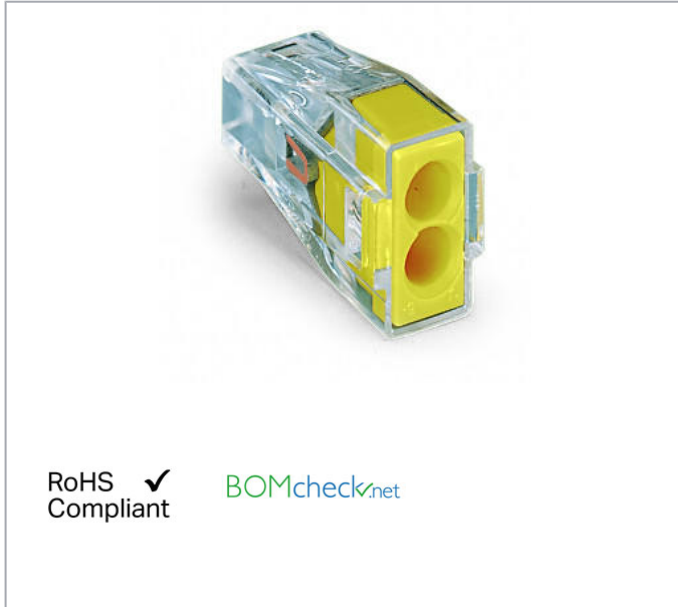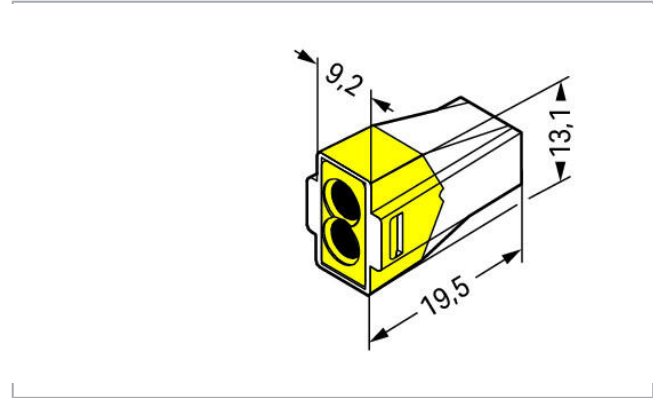
www.wago.com/773-162

RoHS ✓ Compliant   BOMcheck.net

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::
2.5 mm² = 16 A

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

4 mm² = 22 A
Safety information 1:
in grounded power lines

Data
Electrical data

Ratings per IEC/EN 60664-1

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) ≙ Overvoltage category II / Pollution degree 2

Connection data

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Solid conductor	0.75 … 2.5 mm² / 18 … 12 AWG
Stranded conductor	1.5 … 2.5 mm² / 16 … 12 AWG
Strip length	12 mm / 0.47 inch
Total number of connection points	2
Total number of potentials	1
Wiring type	Side-entry wiring

Physical data

Width	9.2 mm / 0.362 inch
Height	13.1 mm / 0.516 inch
Depth	19.5 mm / 0.768 inch

Material data

Color	multicoloured
Cover color	yellow
Flammability class per UL94	V2
Weight	1.8 g

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

Environmental requirements

Surrounding air temperature (operation)	60 … 60 °C

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4044918397995

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 486C	E69654

Compatible products

Mounting adapter

	Item no.: 773-332 Mounting carrier; 773 series PUSH WIRE® connectors for junction boxes; 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
CAD files

CAE data

EPLAN Data Portal 773-162	URL	Download

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

WSCAD Universe 773-162

Installation Notes

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Do you have any questions about our products?
We are always happy to take your call at {0}.