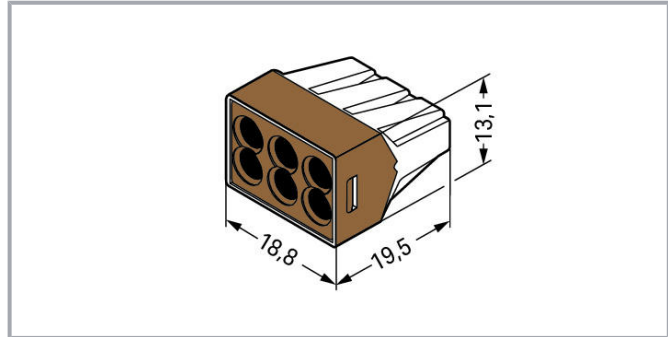


Data sheet | Item number: 773-606

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!

WAGO Corporation
Germantown, WI 53022
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2.5 mm² = 16 A4 mm² = 22 A

Data

Electrical data

IEC Approvals

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) \triangleq Overvoltage category II / Pollution degree 2

Connection data

Connection technology	PUSH WIRE [®]
Actuation type	Push-in
Connectable conductor materials	Copper
Strip length	12 mm / 0.47 inch
Total number of connection points	4
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
Continuous operating temperature	105 °C

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Commercial data


Product Group	7 (Push Wire Conn.)
Packaging type	BOX
Country of origin	CN
GTIN	4055143088671
Customs tariff number	8536904000

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 PUSH WIRE® connectors for junction boxes; orange	www.wago.com/773-332
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General accessories

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

Documentation

Bid Text

773-606	May 17, 2017	doc 25.6 kB	Download
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Subject to changes. Please also observe the further product documentation!

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773-606	Feb 19, 2019	xml	Download
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Additional Information			
Technical explanations	Apr 3, 2019	pdf	Download
		2.2 MB	

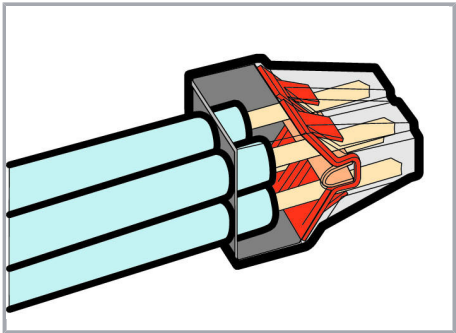
Environmental Product Compliance

Compliance Search

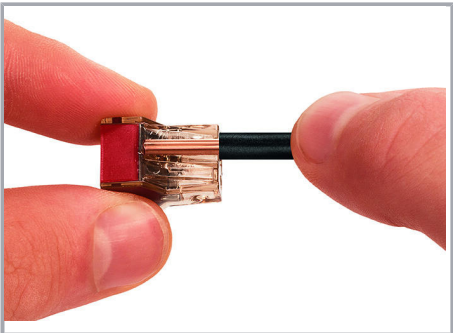
Environmental Product Compliance 773-606	URL	Download
PUSH WIRE® connector for junction boxes; for solid conductors; max. 4 mm²; 6-conductor; Brown clear housing; brown cover; Surrounding air temperature: max 60° C; 2,50 mm²		

Installation Notes

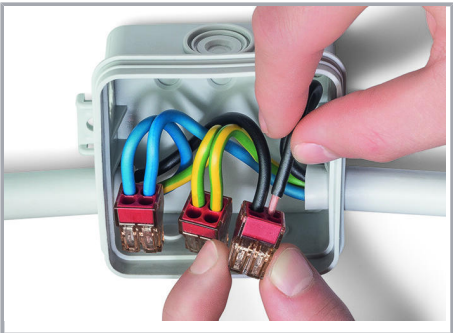
Conductor termination



PUSH WIRE® connector for junction boxes, 773 Series

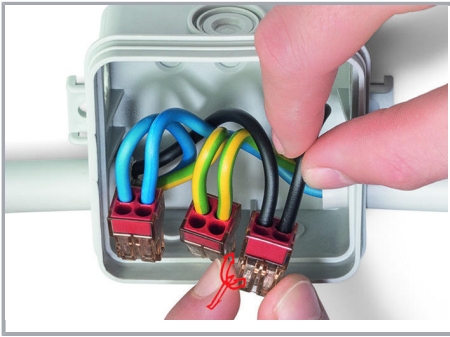


Strip a solid conductor to 12 mm (0.47 inch).



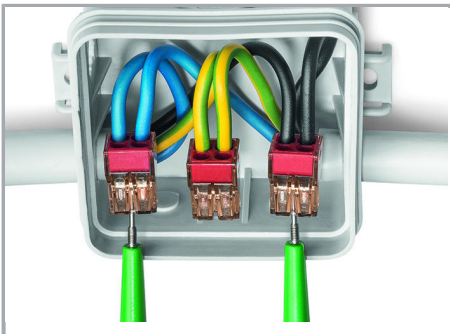
Termination: Insert the stripped solid conductor until it hits the backstop.

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!

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