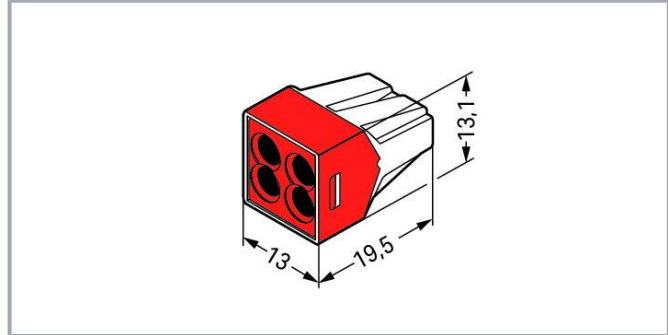


Data sheet | Item number: 773-604

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

www.wago.com/773-604



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 points	4
Total number of potentials	1

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.



Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Connectable conductor materials (note)	<p>Terminating Aluminum Conductors</p> <p>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.</p> <p>"Alu-Plus" Contact Paste Advantages:</p> <ul style="list-style-type: none"> ■ 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. <p>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.</p> <p>It is also possible to apply WAGO "Alu-Plus" additionally on the whole surface of the aluminum conductor before termination.</p> <p>Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::</p> <p>2.5 mm² = 16 A 4 mm² = 22 A</p>
Solid conductor	1.5 ... 4 mm ²
Strip length	12 mm / 0.47 inches
Wiring direction	Side-entry wiring

Physical data

Width	13 mm / 0.512 inches
Height	13.1 mm / 0.516 inches
Depth	19.5 mm / 0.768 inches

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

Material Data

Note (material data)

Information on material specifications can be found here

Color	multi-colored
Cover color	red
Flammability class per UL94	V2
Fire load	0.054 MJ
Weight	2.4 g

Environmental requirements

Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °C

Commercial data


Product Group	7 (Push Wire Conn.)
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	1000 (100) pcs
Packaging type	box
Country of origin	CN
GTIN	4055143243681
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

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

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

Approvals for marine applications

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

Optional accessories

Mounting adapter

Mounting accessories



Item no.: 773-332

Mounting carrier; 773 Series - 2.5 mm² / 4 mm² / 6 mm²; for DIN-35 rail mounting/screw mounting; orange

www.wago.com/773-332

Tool

"Alu-Plus" contact paste



Item no.: 249-130

Syringe; Contents: 20 ml Alu-Plus contact paste

www.wago.com/249-130

Downloads

Documentation

Bid Text

773-604 X81 - Datei	19 Feb 2019	xml 3.4 kB	Download
773-604 doc - Datei	17 May 2017	doc 25.6 kB	Download
ausschreiben.de 773-604		URL	Download

Environmental Product Compliance

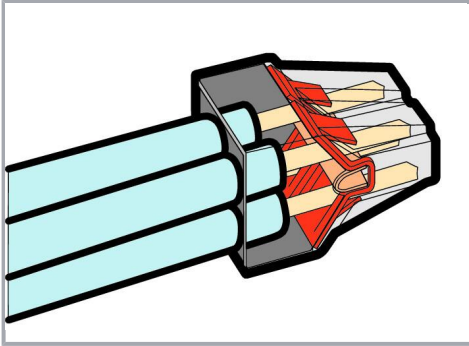
Compliance Search

Environmental Product Compliance 773-604 PUSH WIRE® connector for junction boxes; for solid conductors; max. 4 mm ² ; 4-conductor; Brown clear housing; red cover; Surrounding air temperature: max 60°C; 2,50 mm ² ; multicoloured	URL	Download
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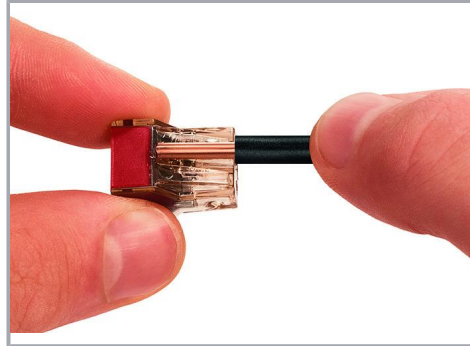
Subject to changes. Please also observe the further product documentation!

Installation Notes

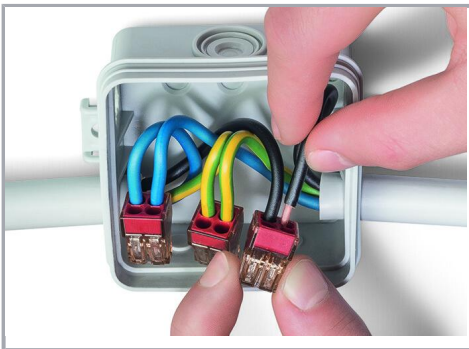
Conductor termination



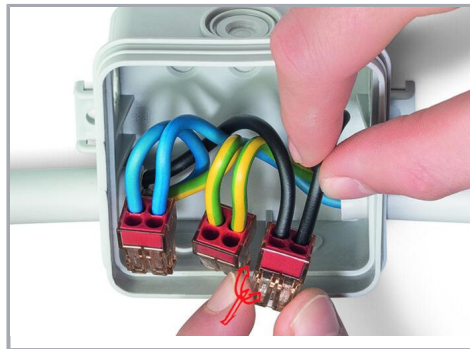
PUSH WIRE® Connector for Junction Boxes,
773 Series



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



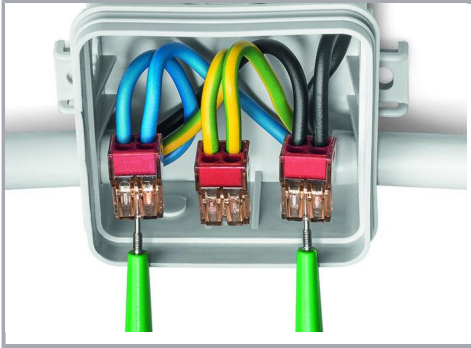
Termination: Insert the stripped solid
conductor until it hits the backstop.



Removal: Hold conductor to be removed and
twist alternately left and right while pulling the
connector.

Testing

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



Testing via test port opposite to conductor entry.

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