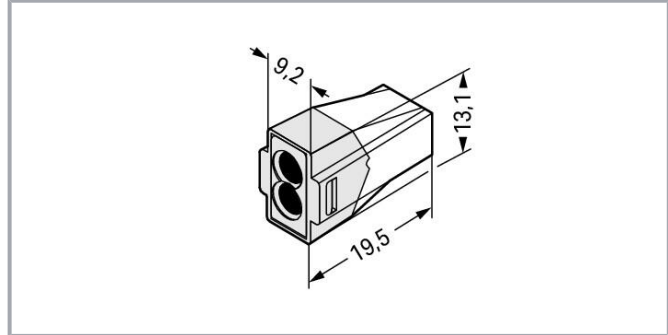


## Data sheet | Item number: 773-602

PUSH WIRE® connector for junction boxes; for solid conductors; max. 4 mm<sup>2</sup>; 2-conductor; Brown clear housing; white cover; Surrounding air temperature: max 60°C; 2,50 mm<sup>2</sup>; multicoloured

[www.wago.com/773-602](http://www.wago.com/773-602)



### 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) $\triangleq$ Overvoltage category II / Pollution degree 2

#### Connection data

Connection points	2
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><b>Terminating Aluminum Conductors</b></p> <p>WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm<sup>2</sup>/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"> <li>■ Automatically destroys the oxide film during clamping.</li> <li>■ Prevents fresh oxidation at the clamping point.</li> <li>■ Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).</li> <li>■ Provides long-term protection against corrosion.</li> </ul> <p>For spring clamp connections with PUSH WIRE® connection technology, <b>WAGO recommends that the aluminum conductor first be cleaned</b> 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" <b>additionally</b> 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 mm<sup>2</sup> = 16 A 4 mm<sup>2</sup> = 22 A</p>
Solid conductor	1.5 ... 4 mm <sup>2</sup>
Strip length	12 mm / 0.47 inches
Wiring direction	Side-entry wiring

## Physical data

Width	9.2 mm / 0.362 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	white
Flammability class per UL94	V2
Fire load	0.036 MJ
Weight	1.5 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	4055143249133
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
	<b>ABS</b> American Bureau of Shipping	-	18- HG1755093- PDA

## Optional accessories

## Tool

"Alu-Plus" contact paste



Item no.: 249-130

Syringe; Contents: 20 ml Alu-Plus contact paste

[www.wago.com/249-130](http://www.wago.com/249-130)

## Mounting adapter

Mounting accessories



Item no.: 773-332

Mounting carrier; 773 Series - 2.5 mm<sup>2</sup> / 4 mm<sup>2</sup> / 6 mm<sup>2</sup>; for DIN-35 rail mounting/screw mounting; orange[www.wago.com/773-332](http://www.wago.com/773-332)

## Downloads

## Documentation

## Bid Text

773-602 X81 - Datei	19 Feb 2019	xml 3.4 kB	Download
773-602 doc - Datei	17 May 2017	doc 25.6 kB	Download
ausschreiben.de 773-602		URL	Download

## Environmental Product Compliance

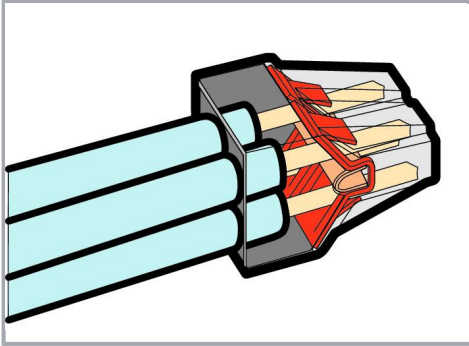
## Compliance Search

Environmental Product Compliance 773-602 PUSH WIRE® connector for junction boxes; for solid conductors; max. 4 mm <sup>2</sup> ; 2-conductor; Brown clear housing; white cover; Surrounding air temperature: max 60°C; 2,50 mm <sup>2</sup> ; multicoloured	URL	Download
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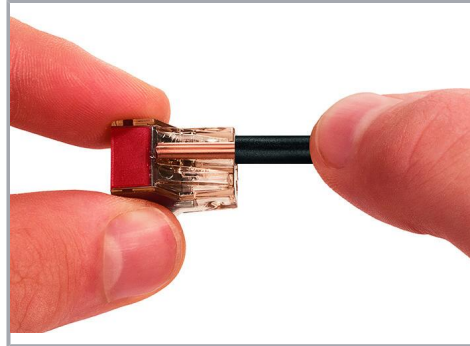
Subject to changes. Please also observe the further product documentation!

## Installation Notes

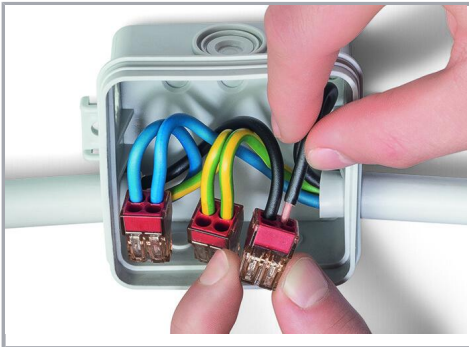
### Conductor termination



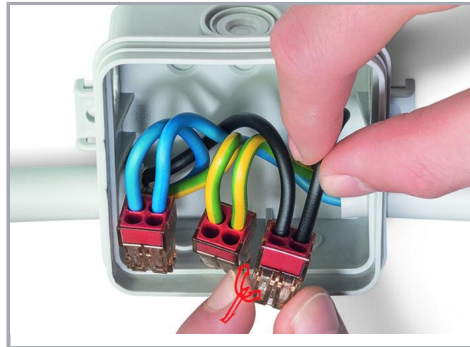
PUSH WIRE® Connector for Junction Boxes,  
773 Series



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



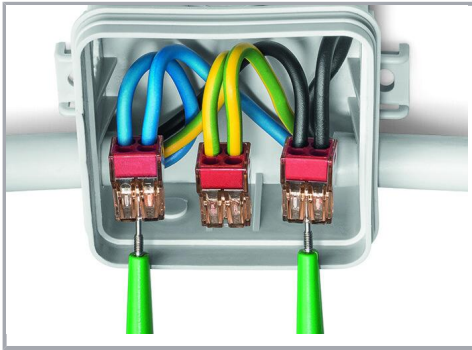
Termination: Insert the stripped solid  
conductor until it hits the backstop.



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!