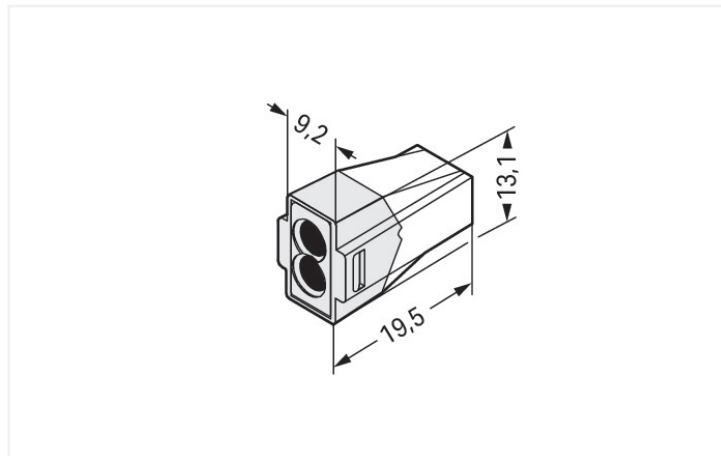# Data Sheet | Item Number: 773-602

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

https://www.wago.com/773-602

Color: ☐ multi-colored

Dimensions in mm

Electrical data

Ratings per	**IEC/EN 60664-1**		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	400 V
Rated surge voltage	-	-	4 kV
Rated current	-	-	32 A

Connection data

Connection points	2
Total number of potentials	1

Connection 1

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

Connection 1

Connectable conductor materials (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 249-130 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	1.5 … 4 mm²
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

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

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
UL UL International Germany GmbH	EN 60998	D-03479-A1

Approvals for marine applications

Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	18-HG1755093-PDA

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 773-602	↓

Documentation

Bid Text

773-602	17.05.2017	doc 25.00 KB	↓
773-602	19.02.2019	xml 3.28 KB	↓
ausschreiben.de 773-602			↓

WAGO

1 Compatible Products

1.1 Optional Accessories

1.1.1 Mounting adapter

1.1.1.1 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
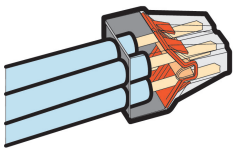
1.1.2 Tool
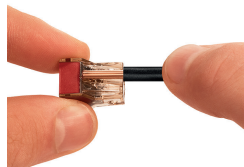
1.1.2.1 "Alu-Plus" contact paste

Item No.: 249-130
Syringe; Contents: 20 ml Alu-Plus contact paste
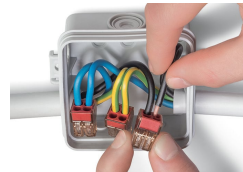
Installation Notes
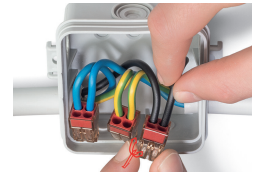
Conductor termination

PUSH WIRE® Connector for Junction Boxes, 773 Series

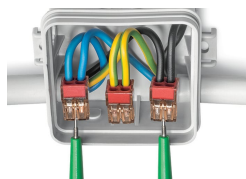Strip a solid conductor to 12 mm (0.47 inch).

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

Testing via test port opposite to conductor entry.

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

Current addresses can be found at:: www.wago.com