

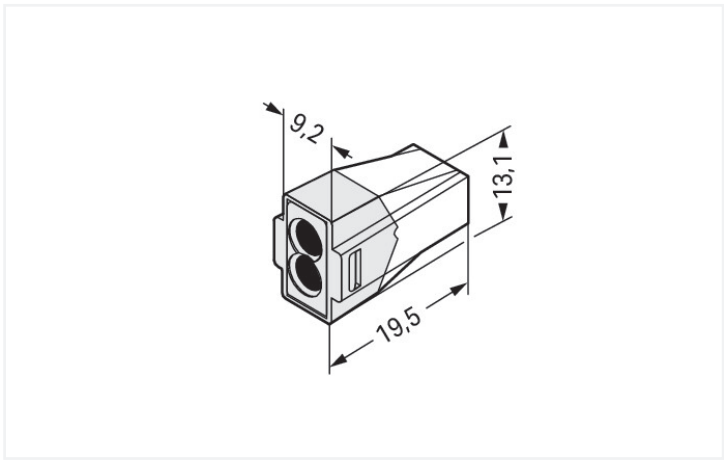
Data Sheet | Item Number: 773-602

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

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



Color: ☐ multi-colored



Dimensions in mm

Push wire® splicing connector, 773 Series, Push-in

Error-free electrical installations are guaranteed with push wire® splicing connector (item number 773-602). Quickly and securely connect conductors in any building installation with WAGO's 773 Series PUSH WIRE® connectors, designed for both surface and flush-mounted junction boxes. Whether you intend to use them in private or commercial applications, this series of PUSH WIRE® connectors for junction boxes ensures simple and time-saving installations. Ensure that the strip lengths are 12 mm when connecting conductors to push wire® splicing connector. Rated current and voltage are key factors to consider when selecting a splicing connector, as they indicate how the product can be used. This product has a rated voltage of 400 V and a rated current of 32 A, making it suitable for high-load applications. This product features conductor terminals and utilizes PUSH WIRE®. Our trusted PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. The dimensions are (9.2 x 13.1 x 19.5) mm (width x height x depth). Push wire® splicing connector is suitable for conductor cross sections ranging from 1.5 mm² to 4 mm².

Tin is used for coating the contact surfaces.

Notes	
General safety information	NOTICE: Observe installation and safety instructions! ▪ Only to be used by electricians! ▪ Do not work under voltage/load! ▪ Use only for proper use! ▪ Observe national regulations/standards/guidelines! ▪ Observe technical specifications for the products! ▪ Observe the number of permissible potentials! ▪ Do not use damaged/dirty components! ▪ Observe conductor types, cross-sections and strip lengths! ▪ Insert conductor until it hits the product's backstop! ▪ Use original accessories! To be sold only with installation instructions!



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

General information	
Wiring direction	Side-entry wiring

Connection Data	
Clamping units	2
Total number of potentials	1

Connection 1	
Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Connectable conductor materials (note)	Terminating Aluminum Conductors (not for use in North America) WAGO Spring-Clamp Terminal Blocks are also suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO Aluminum Contact Paste 249-130 is used for termination. Aluminum 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 pressure 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 aluminum contact paste. It is also possible to apply WAGO Aluminum Contact Paste 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 / 20 ... 12 AWG
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
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Tin
Fire load	0.035 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.)
PU (SPU)	1000 (100) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143249133
Customs tariff number	85369010000

Product Classification	
UNSPSC	39121409
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 9.0	EC000446
ETIM 10.0	EC000446
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Approvals for marine applications		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
UL UL International Germany GmbH	EN 60998	D-03479-A1	ABS American Bureau of Ship- ping	-	23-2417173-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			↓

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

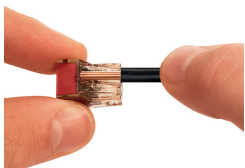
1.1.2.1 Aluminum contact paste



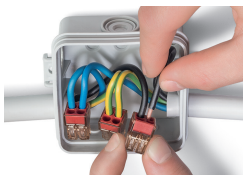
Item No.: 249-130
Syringe; Contents: 20 ml Alu contact paste

Installation Notes

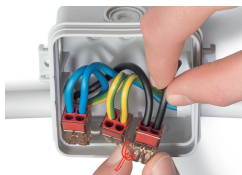
Conductor termination



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

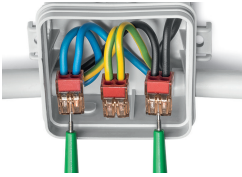


Termination: Insert the stripped solid conductor until it hits the backstop.



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.