

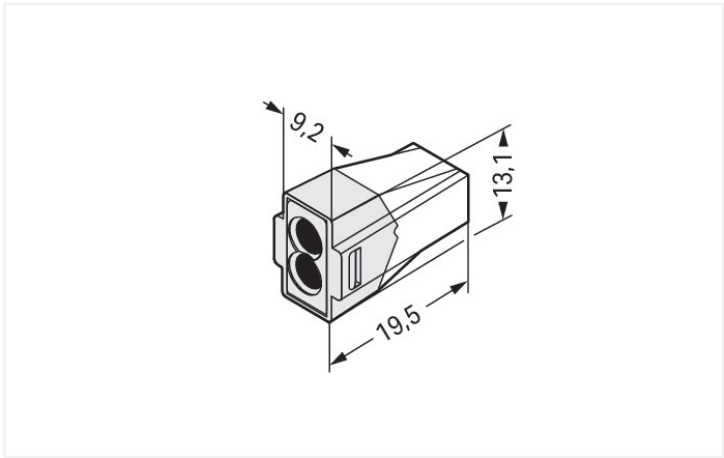
Data Sheet | Item Number: 773-602

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; multicoloured

<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 “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 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 “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 / 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	0.036 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.)
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

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Documentation

Bid Text

773-602

17.05.2017

doc

25.00 KB

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773-602

19.02.2019

xml

3.28 KB

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ausschreiben.de

773-602

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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

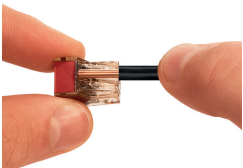


Item No.: 249-130

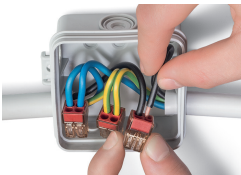
Syringe; Contents: 20 ml Alu-Plus contact paste

Installation Notes

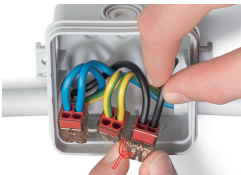
Conductor termination



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

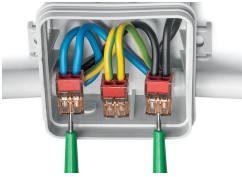


Termination: Insert the stripped solid conductor until it hits the backstop.



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.