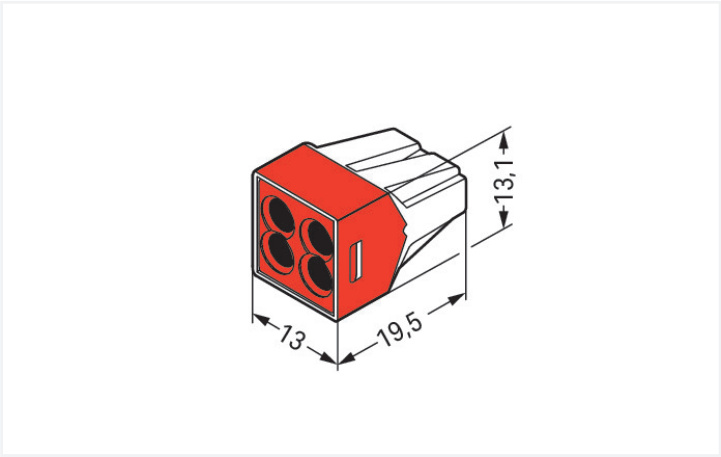
Data Sheet | Item Number: 773-604

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

https://www.wago.com/773-604



Color: multi-colored



Dimensions in mm

Push wire® splicing connector, 773 Series, multi-colored

Our push wire® splicing connector (item number 773-604) ensures effortless electrical installations. 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 used in private or commercial applications, this series of PUSH WIRE® connectors for junction boxes ensures simple and time-saving installations. Strip lengths must be 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. Featuring conductor terminals along with PUSH WIRE®, this product is highly versatile. Our PUSH WIRE® connection offers a quick and simple method for connecting solid conductors. The dimensions are (13 x 13.1 x 19.5) mm (width x height x depth). Depending on the conductor type, push wire® splicing connector is ideal 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	4
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

Continued on next page

Physical data

Width	13 mm / 0.512 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	red
Flammability class per UL94	V2
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact Plating	Tin
Fire load	0.052 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.)
PU (SPU)	1000 (100) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143243681
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

Approval	Standard	Certificate Name
DEMKO UL International Demko A/S	EN 60998	D-10520

Approvals for marine applications

Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	23-2417173-PDA

Continued on next page

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 773-604

Documentation

Bid Text			
773-604	17.05.2017	doc 25.00 KB	
773-604	19.02.2019	xml 3.28 KB	
ausschreiben.de 773-604			

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

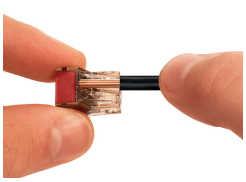
1.1.2.1 Aluminum contact paste



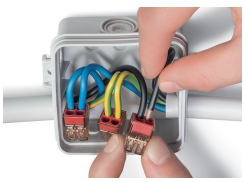
Item No.: 249-130
Syringe; Contents: Aluminum Contact Paste, 20 ml

Installation Notes

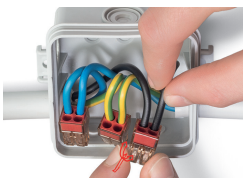
Conductor termination



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



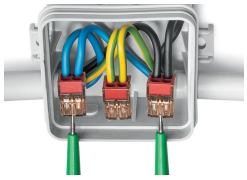
Termination: Insert the stripped solid conductor until it hits the backstop.



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

Continued on next page

Testing



Testing via test port opposite to conductor entry.