

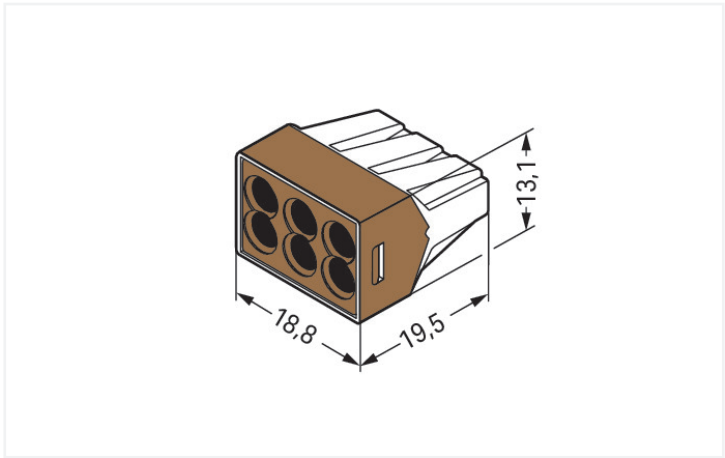
Data Sheet | Item Number: 773-606

PUSH WIRE® splicing connector; for solid conductors; max. 4 mm²; 6-conductor;
Brown clear housing; brown cover; Surrounding air temperature: max 60°C; 2,50
mm²; multicoloured

<https://www.wago.com/773-606>



Color: ☐ multi-colored



Dimensions in mm

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

Our push wire® splicing connector (item number 773-606) is designed for seamless electrical installations. This series of PUSH WIRE® connectors ensures safe and quick connections in both surface-mounted and flush-mounted junction boxes in any building, regardless of installation complexity. This splicing connector has a rated voltage of 400 V and can handle currents up to 32 A, making it suitable for high-load applications. Conductors should only be connected to push wire® splicing connector if their strip length is 12 mm. This product incorporates conductor terminals and utilizes PUSH WIRE®. Our PUSH WIRE® connection offers a simple and reliable solution for connecting solid conductors. The item's dimensions are 18.8 x 13.1 x 19.5 mm (width x height x depth). Depending on the conductor type, push wire® splicing connector is suitable for conductor cross sections ranging from 1.5 mm² to 4 mm². The contact surface is coated with tin.

Notes

General safety instructions

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 surge voltage	-	-	4 kV
Rated current	-	-	32 A



Connection data		
Clamping units	6	
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	18.8 mm / 0.74 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	brown	
Flammability class per UL94	V2	
Clamping spring material	Chrome-nickel spring steel (CrNi)	
Contact material	Electrolytic copper (E _{Cu})	
Contact Plating	Tin	
Fire load	0.075 MJ	
Weight	3.5 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 9.0		EC000446
ETIM 8.0		EC000446
PU (SPU)		500 (50) pcs
Packaging type		Box
Country of origin		CN
GTIN		4055143088671
Customs tariff number		85369010000

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	-	18-HG1755093-PDA

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 773-606	

Documentation			
Bid Text			
773-606	17.05.2017	doc 25.00 KB	
773-606	19.02.2019	xml 3.28 KB	
ausschreiben.de 773-606			

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

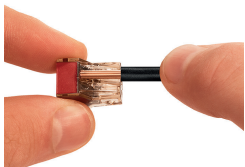
1.1.2.1 "Alu-Plus" contact paste



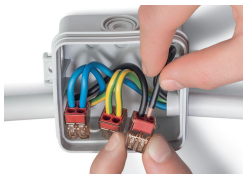
Item No.: 249-130
Syringe; Contents: 20 ml Alu-Plus contact paste

Installation Notes

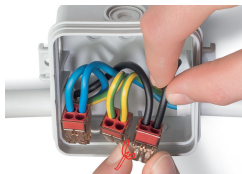
Conductor termination



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

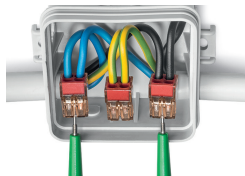


Termination: Insert the stripped solid conductor until it hits the backstop.



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.