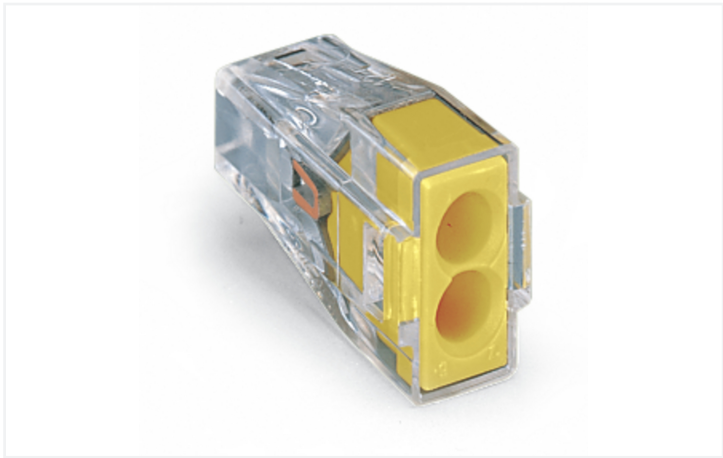


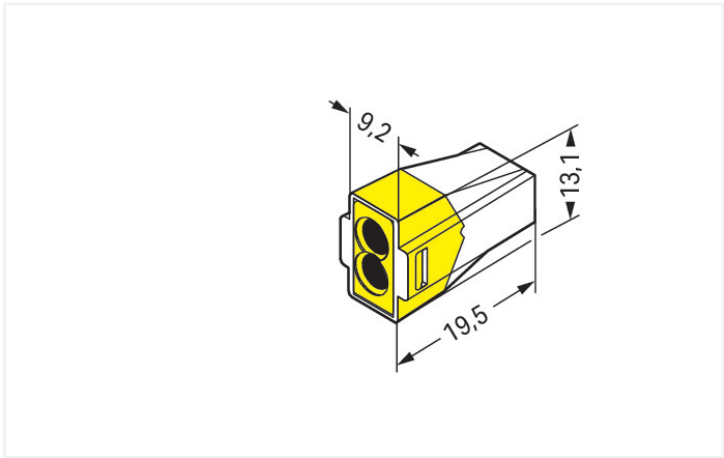
Data Sheet | Item Number: 773-162

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; max. 2.5 mm²; 2-conductor; transparent housing; yellow cover; Surrounding air temperature: max 60°C; 2,50 mm²; transparent

<https://www.wago.com/773-162>



Color: ☐ transparent



Dimensions in mm

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

Convenient electrical installations are guaranteed with push wire® splicing connector (item number 773-162). 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. Strip lengths must be 12 mm when connecting conductors to push wire® splicing connector. Our splicing connector is rated for 400 V and is designed for use with a rated current of up to 24 A. As such, it is suitable for high-load applications. Featuring conductor terminals along with PUSH WIRE®, this product outperforms the competition. Our PUSH WIRE® connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing faster and easier conductor clamping. The dimensions are (9.2 x 13.1 x 19.5) mm (width x height x depth). Depending on the type of conductor, push wire® splicing connector is designed for conductor cross sections ranging from 0.75 mm² to 2.5 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!
Safety Information	To be sold only with installation instructions! in grounded power lines



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	-	-	24 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	0.75 ... 2.5 mm² / 18 ... 12 AWG
Stranded conductor	1.5 ... 2.5 mm² / 16 ... 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		transparent
Cover color		yellow
Material group		IIIa
Insulation material (main housing)		Polycarbonate (PC)
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 MJ
Weight		1.8 g

Environmental requirements		
Ambient temperature (operation)		+60 °C
Continuous operating temperature		105 °C

Commercial data		
PU (SPU)		1000 (100) pcs
Packaging type		Box
Country of origin		DE
GTIN		4044918397995
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
CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)
UL UL International Germany GmbH	UL 486C	E69654

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 773-162	
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CAD/CAE-Data

CAE data

EPLAN Data Portal 773-162	
WSCAD Universe 773-162	

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 contact paste