

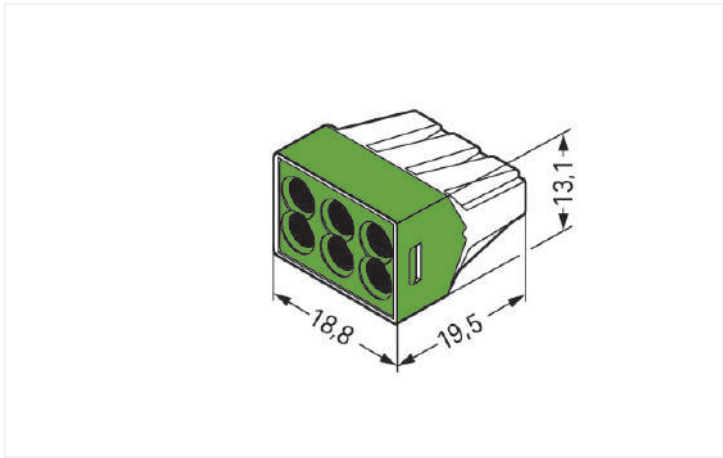
Data Sheet | Item Number: 773-116

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; max. 2.5 mm²; 6-conductor; transparent housing; green cover; Surrounding air temperature: max 60°C; 2,50 mm²; transparent

<https://www.wago.com/773-116>



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 773-116). The 773 Series PUSH WIRE® connectors for junction boxes provide safe, quick, and easy installations in any building, no matter the position or location. Our splicing connector is rated for 400 V and is designed for use with a rated current of up to 24 A. It can therefore be used in high-load applications. Strip lengths must be 12 mm when connecting conductors to push wire® splicing connector. This product features conductor terminals and utilizes PUSH WIRE®. Our reliable PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. Dimensions: 18.8 x 13.1 x 19.5 mm (width x height x depth). Depending on the conductor type, 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 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!

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 surge voltage	-	-	4 kV
Rated current	-	-	24 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)	<p><b>Terminating Aluminum Conductors (not for use in North America)</b> WAGO Spring-Clamp Terminal Blocks are also suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO “Alu-Plus” Contact Paste <a href="#">249-130</a> is used for termination.</p> <p>“Alu-Plus” Contact Paste Advantages:</p> <ul style="list-style-type: none"><li>• Automatically destroys the oxide film during clamping.</li><li>• Prevents fresh oxidation at the clamping point.</li><li>• Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).</li><li>• Provides long-term protection against corrosion.</li></ul> <p>For spring pressure connections with PUSH WIRE® connection technology, <b>WAGO recommends that the aluminum conductor first be cleaned</b> and then immediately inserted into the clamping unit filled with “Alu-Plus” contact paste.</p> <p>It is also possible to apply WAGO “Alu-Plus” <b>additionally</b> on the whole surface of the aluminum conductor before termination.</p> <p>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</p>	
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		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)	<a href="#">Information on material specifications can be found here</a>	
Color	transparent	
Cover color	green	
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 <sub>Cu</sub> )	
Contact Plating	Tin	
Fire load	0.076 MJ	
Weight	3.5 g	



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

Commercial data	
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	4055143237550
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA UL International Demko A/S	EN 60998	CCA-DK No. 2520
CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-101747
UL UL International Germany GmbH	UL 467	E201573
UL UL International Germany GmbH	EN 60998	D-03479-A1

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	18-HG1755093-PDA
BV Bureau Veritas S.A.	EN 60998	11914/D0 BV
DNV GL Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
LR Lloyds Register	EN 60998	LR22207029TA



Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 773-116	

CAD/CAE-Data	
CAE data	
EPLAN Data Portal 773-116	
WSCAD Universe 773-116	

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