

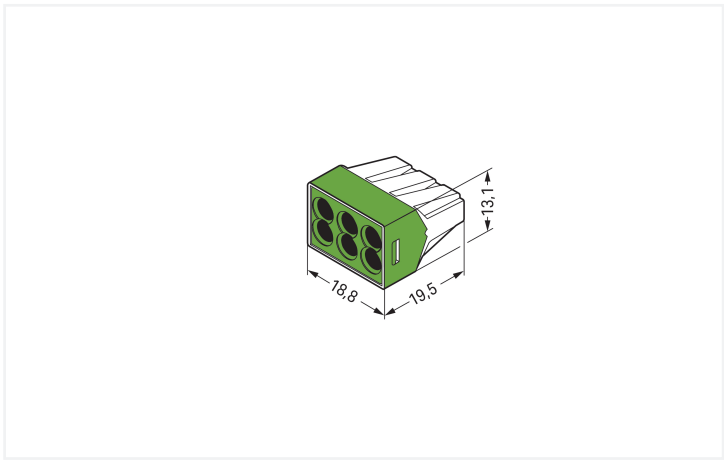
Data Sheet | Item Number: 773-116

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, transparent

Our PUSH WIRE® splicing connector (item number 773-116) ensures effortless electrical installations. Quickly and securely connect conductors in any building installation with WAGO's 773 Series PUSH WIRE® connectors for junction boxes—both surface and flush-mounted. 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 this PUSH WIRE® splicing connector. Rated current and voltage are key factors to consider when choosing a splicing connector, as they indicate possible applications and uses. This product has a rated voltage of 400 V and a rated current of 24 A, making it suitable for high-load applications. Featuring conductor terminals along with PUSH WIRE®, this connector is highly versatile. Our PUSH WIRE® connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing you to clamp the conductor in place more quickly and easily. The item's dimensions are (18.8 x 13.1 x 19.5) mm (width x height x depth). Depending on the type of conductor, this PUSH WIRE® splicing connector is ideal for conductor cross sections ranging from 0.75 mm² to 2.5 mm².

PUSH WIRE® – the most reliable way to terminate a conductor

Tin is used for coating the contact surfaces.

- Actuation via push-in
- The right solution for every wiring task
- Permanently secure connections

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	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 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	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)		Information on material specifications can be found here
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 _{Cu})
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		
PU (SPU)		500 (50) pcs
Packaging type		Box
Country of origin		CN
GTIN		4055143237550
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
CCA UL International Demko A/S	EN 60998	CCA-DK No. 2520
CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)
DEMKO UL International Demko A/S	EN 60998	D-10520
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-101747
UL UL International Germany GmbH	UL 467	E201573

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	-	23-2417173-PDA
BV Bureau Veritas S.A.	EN 60998	11914/E0 BV
LR Lloyds Register	EN 60998	LR2446364TA
PRS Polski Rejestr Statków	EN 60998	TE/1093/880590/23

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 Aluminum contact paste



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