

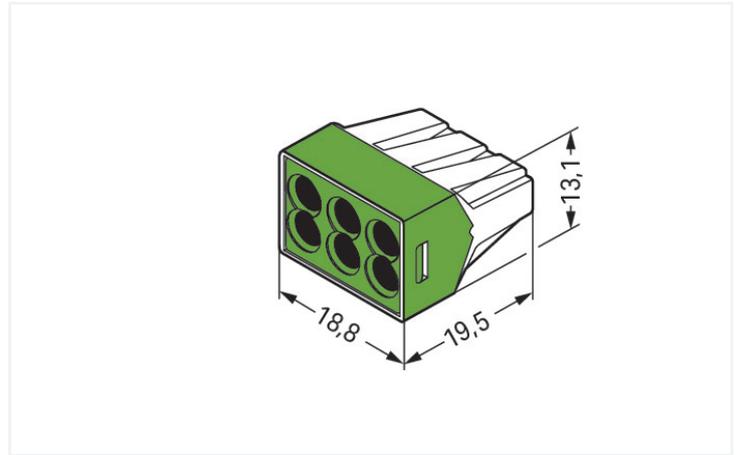
Data Sheet | Item Number: 773-116

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) 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. Ensure that the strip lengths are 12 mm when connecting conductors to push wire® splicing connector. Rated current and voltage are important parameters when selecting a splicing connector, as they determine the product's suitability for different applications. This product has a rated voltage of 400 V and a rated current of 24 A, making it suitable for high-load applications. This product features conductor terminals and utilizes PUSH WIRE®. 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, push wire® splicing connector is suitable for conductor cross sections ranging from 0.75 mm² to 2.5 mm².

The contact surface is coated with tin.

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!

Safety Information

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
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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 mm ² /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 mm ² / 18 ... 12 AWG
Stranded conductor	1.5 ... 2.5 mm ² / 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
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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	-	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 "Alu-Plus" contact paste



Item No.: [249-130](#)

Syringe; Contents: 20 ml Alu-Plus contact paste