Data Sheet | Item Number: 2773-404/995-015

PUSH WIRE® splicing connector; for solid and stranded conductors; max. 4 mm²; 4-conductor; transparent housing; red cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

https://www.wago.com/2773-404/995-015



Color: transparent

Push wire® splicing connector, 2773 Series, transparent

Enjoy convenient electrical installations with push wire® splicing connector (item number 2773-404/995-015). 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 13 mm when connecting conductors to push wire® splicing connector. This splicing connector has a rated voltage of 450 V and can handle currents up to 32 A, making it ideal for high-load applications. Featuring conductor terminals along with PUSH WIRE®, this connector is highly versatile. Our PUSH WIRE® connection is the quick and simple method for connecting solid conductors. The dimensions are (21.2 x 6.3 x 18.6) mm (width x height x depth). Depending on the conductor type, push wire® splicing connector is suitable for conductor cross sections ranging from 0.75 mm² to 4 mm².

The contact surface is coated with tin.

This item includes:



Item No.: 2773-404	15
PUSH WIRE® splicing connector; for solid and stranded conductors; max. 4 mm²; 4-conductor; transparent housing; red cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent	

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!

Electrical data

Ratings per	IEC/EN 60998		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	450 V
Rated impulse withstand voltage	-	-	4 kV
Rated current	-	-	32 A

Approvals per	UL 486C		
Use group	B	C	D
Rated voltage	-	600 V	-
Rated current	-	20 A	-

General information

Wiring direction	Side-entry wiring

Connection Data

Clamping units	4
Total number of potentials	1

Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper
Solid conductor	0.75 … 4 mm² / 20 … 12 AWG
Stranded conductor	1.5 … 4 mm² / 18 … 12 AWG
Conductor diameter	1.6 … 2 mm / 20 … 12 AWG
Strip length	13 mm / 0.51 inches
Wiring direction	Side-entry wiring

Physical data

Width	21.2 mm / 0.835 inches
Height	6.3 mm / 0.248 inches
Depth	18.6 mm / 0.732 inches

Material data

Note (material data)	Information on material specifications can be found here
Color	transparent
Cover color	red
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	0.034 MJ
Weight	2.1 g

Continued on next page

Environmental requirements

Ambient temperature (operation)	+85 °C
Processing temperature	-35 … +60 °C
Continuous operating temperature	-40 … +105 °C
Temperature marking per EN 60998	T85

Commercial data

PU (SPU)	270 (15) pcs
Packaging type	Blister foil
Country of origin	DE
GTIN	4066966001747
Customs tariff number	85369010000

Product Classification

UNSPSC	39121409
ETIM 9.0	EC000446
ETIM 10.0	EC000446
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption
SCIP notification number (Austria)	fcc06a44-01b3-471b-b499-725cf5507b00
SCIP notification number (Belgium)	bce1d93e-e8a2-4166-9781-1249abbad726
SCIP notification number (Bulgaria)	6da906f1-562e-47ef-85de-27eab4533fba
SCIP notification number (Czech Republic)	c476bcf3-d349-47d0-a133-7d8116a4718e
SCIP notification number (Denmark)	0012230b-0e3d-4ea7-aef9-2168187230de
SCIP notification number (Finland)	16ca7ebd-f97d-4281-b009-c703150f7184
SCIP notification number (France)	8f010e36-2b68-44d9-97e3-9ed757b63403
SCIP notification number (Germany)	1dda6f0d-1a57-40b3-9529-5facc403abbf
SCIP notification number (Hungary)	320f39a3-aadd-482a-99ac-5ae7e24ade9e
SCIP notification number (Italy)	1a023e79-c28f-4d3f-bd7b-a164667270d3
SCIP notification number (Netherlands)	ca487b7c-04ce-4fa1-b64c-8031cece55b2
SCIP notification number (Poland)	155fd1e9-9894-4270-9b01-3bee7cffbcab
SCIP notification number (Romania)	572f6fa1-ed57-4a0c-8df4-6d2963689bf2
SCIP notification number (Sweden)	39f8b542-46a3-4b09-bbdc-0eb1956edc3b

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2773-404/995-015

 Continued on next page

1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Moisture protection



Item No.: 207-1331
Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 1; gray

1.1.2 Mounting adapter

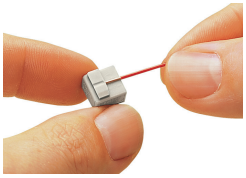
1.1.2.1 Mounting accessories



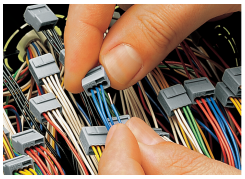
Item No.: 2773-500
Mounting carrier; for single- and double-row con.; 2773 Series; for DIN-35 rail mounting/ screw mounting; orange

Installation Notes

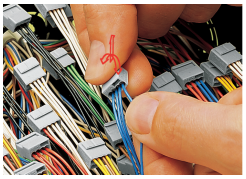
Conductor termination



Strip solid conductors to 5 … 6 mm (0.19 … 0.23 inch).



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



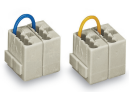
Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.

Installation



Connector strips:
Assembling modular connectors into connector strips.

Commoning



Commoned connector strips

Continued on next page

Testing



Testing via test port opposite to conductor entry.



The 243 Series can be used in both communication and alarm systems according to the VdS (German Association of Property Insurers) guidelines.

No general approval is given to PUSH WIRE® connectors by the VdS association. The connectors must be tested together with the different parts of the system.
The requirements for connectors are specified in the VdS guidelines for junction boxes (VdS 2116) in section 8.7: "The junction box connectors must be designed to guarantee a reliable and stable connection."

The verification of the fulfillment of these requirements is documented in the VDE test report No. 2574-1440-4031 for the insulated 243 Series PUSH WIRE® Connectors.