

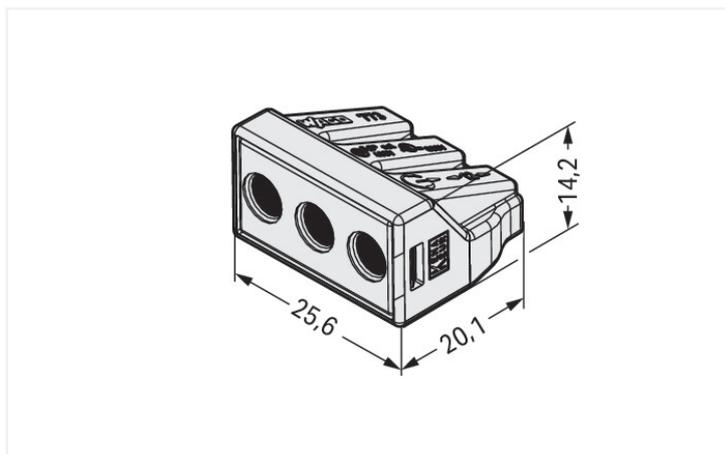
Data Sheet | Item Number: 773-493

PUSH WIRE® splicing connector; for solid and stranded conductors; for Ex applications; max. 6 mm²; 3-conductor; light gray housing; light gray cover; Surrounding air temperature: max 60°C; 6,00 mm²; light gray

<https://www.wago.com/773-493>



Color: ■ light gray



Dimensions in mm

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

Our push wire® splicing connector (item number 773-493) ensures effortless electrical installations. The 773 Series PUSH WIRE® connectors for junction boxes provide safe, quick, and easy installations in any building, no matter the position or location. Ensure that the strip lengths are between 12 and 15 mm when connecting conductors to push wire® splicing connector. Featuring conductor terminals along with PUSH WIRE®, this connector is highly versatile. Our tried-and-tested PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. The dimensions are (25.6 x 14.2 x 20.1) mm (width x height x depth). Push wire® splicing connector is suitable for conductor cross sections ranging from 2.5 mm² to 6 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!

To be sold only with installation instructions!

Safety information 2

To be used only in conjunction with a mounting carrier (773-331).

Electrical data

Ratings per	EN 60079		
	III	II	I
Overvoltage category	III	II	I
Pollution degree	3	2	2
Nominal voltage	-	-	-
Rated impulse withstand voltage	-	-	-
Rated current	-	-	-

Ex information

Rated voltage EN (Ex e II)	550 V
Rated voltage note (Ex e II)	275 V at a distance < 10 mm to parts of other potentials
Rated current (Ex e II)	42 A

General information

Wiring direction Side-entry wiring

Connection Data

Clamping units	3
Total number of potentials	1

Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper
Solid conductor	2.5 ... 6 mm ² / 14 ... 10 AWG
Stranded conductor	2.5 ... 6 mm ² / 14 ... 10 AWG
Strip length	12 ... 15 mm / 0.47 ... 0.59 inches
Wiring direction	Side-entry wiring

Physical data

Width	25.6 mm / 1.008 inches
Height	14.2 mm / 0.559 inches
Depth	20.1 mm / 0.791 inches

Material data

Note (material data)	Information on material specifications can be found here
Color	light gray
Cover color	light gray
Flammability class per UL94	V2
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Tin
Fire load	0.116 MJ
Weight	5.8 g

Environmental requirements

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

Commercial data

Product Group	7 (Push Wire Conn.)
PU (SPU)	500 (50) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143287593
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 **Approvals for hazardous areas**



Approval	Standard	Certificate Name
UL UL International Germany GmbH	UL 486C	E69654

Approval	Standard	Certificate Name
ATEX UL International Demko A/S	EN 60079	DEMKO 03 ATEX 131845U Rev. 1 (II 2 G Ex eII C Gb)

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 773-493	↓

Documentation

Bid Text			
773-493	19.02.2019	xml 3.14 KB	↓
773-493	17.05.2017	doc 25.00 KB	↓
ausschreiben.de 773-493			↓

CAD/CAE-Data

CAD data	
2D/3D Models 773-493	↓

CAE data	
WSCAD Universe 773-493	↓
ZUKEN Portal 773-493	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Mounting adapter

1.1.1.1 Mounting accessories



Item No.: 773-331
 Mounting carrier; for Ex applications; 773 Series - 2.5 mm² / 6 mm²; for DIN-35 rail mounting/screw mounting; light gray