

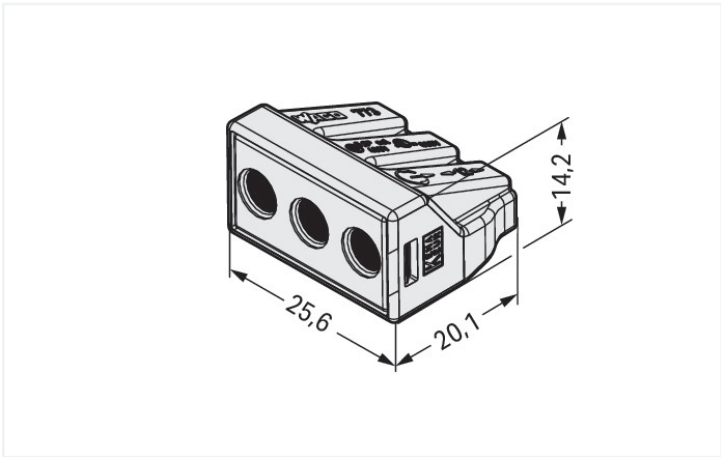
Data Sheet | Item Number: 773-493

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, light gray

Easy electrical installations are guaranteed with push wire® splicing connector (item number 773-493). 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 between 12 mm and 15 mm when connecting conductors to push wire® splicing connector. Featuring conductor terminals along with PUSH WIRE®, this product is highly versatile. Our trusted 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: 25.6 x 14.2 x 20.1 mm (width x height x depth). Depending on the conductor type, push wire® splicing connector is ideal for conductor cross sections ranging from 2.5 mm² to 6 mm². The contact surface is coated with tin.

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! To be used only in conjunction with a mounting carrier (773-331).
Safety information 2	



Electrical data				
Ratings per		EN 60079		
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	-	-	-	
Rated surge voltage	-	-	-	
Rated current	-	-	-	

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

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 mm² / 14 ... 10 AWG
Stranded conductor	2.5 ... 6 mm² / 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.)
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	4055143287593
Customs tariff number	85369010000



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals			Approvals for hazardous areas		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
UL UL International Germany GmbH	UL 486C	E69654	ATEX UL International Demko A/S	EN 60079	DEMKO 03 ATEX 131845U Rev. 1 (II 2 G Ex eIIc 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		CAE data	
2D/3D Models 773-493		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