

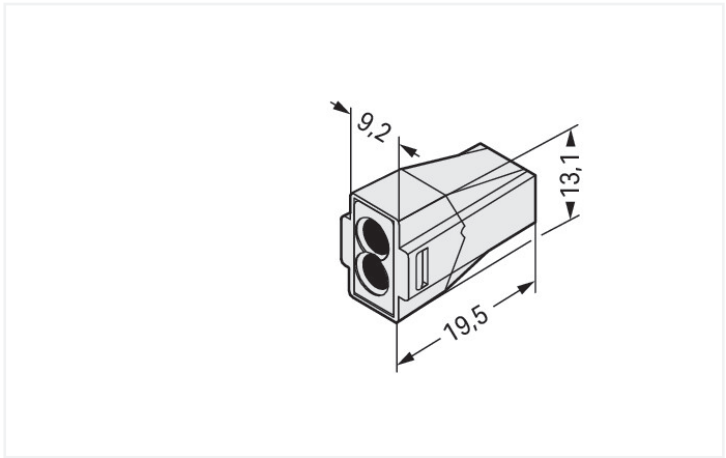
Data Sheet | Item Number: 773-492

PUSH WIRE® splicing connector; for solid and stranded conductors; for Ex applications; max. 2.5 mm²; 2-conductor; light gray housing; light gray cover; Surrounding air temperature: max 60°C; 2,50 mm²; light gray

<https://www.wago.com/773-492>



Color: ■ light gray



Dimensions in mm

Push wire® splicing connector, 773 Series, light gray

Our push wire® splicing connector (item number 773-492) 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. Conductors can only be connected to push wire® splicing connector if their strip length is 12 mm. Featuring conductor terminals along with PUSH WIRE®, this product outperforms the competition. Our PUSH WIRE® connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing faster and easier conductor clamping. Dimensions: 9.2 x 13.1 x 19.5 mm (width x height x depth). Depending on the type of conductor, push wire® splicing connector is ideal for conductor cross sections ranging from 0.75 mm² to 2.5 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		Ex information	
Overvoltage category	III	III	II	Rated voltage EN (Ex e II)	550 V
Pollution degree	3	2	2	Note (rated voltage)	275 V at a distance < 10 mm to parts of other potentials
Nominal voltage	-	-	-	Rated current (Ex e II)	24 A
Rated surge voltage	-	-	-		
Rated current	-	-	-		



Connection data			
Clamping units	2	Connection 1	
Total number of potentials	1	Connection technology	PUSH WIRE®
		Actuation type	Push-in
		Connectable conductor materials	Copper
		Solid conductor	0.75 ... 2.5 mm² / 18 ... 14 AWG
		Stranded conductor	0.75 ... 2.5 mm² / 16 ... 12 AWG
		Strip length	12 mm / 0.47 inches
		Wiring direction	Side-entry wiring

Physical data			
Width		9.2 mm / 0.362 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		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		0.039 MJ	
Weight		1.6 g	



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


Commercial data			
Product Group		7 (Push Wire Conn.)	
PU (SPU)		1000 (100) pcs	
Packaging type		Box	
Country of origin		CN	
GTIN		4055143026420	
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 8.0		EC000446	
ECCN		NO US CLASSIFICATION	







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 773-492	

Documentation			
Bid Text			
773-492	19.02.2019	xml 3.15 KB	
773-492	17.05.2017	doc 25.00 KB	
ausschreiben.de 773-492			

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 773-492 	EPLAN Data Portal 773-492 
	WSCAD Universe 773-492 
	ZUKEN Portal 773-492 



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