

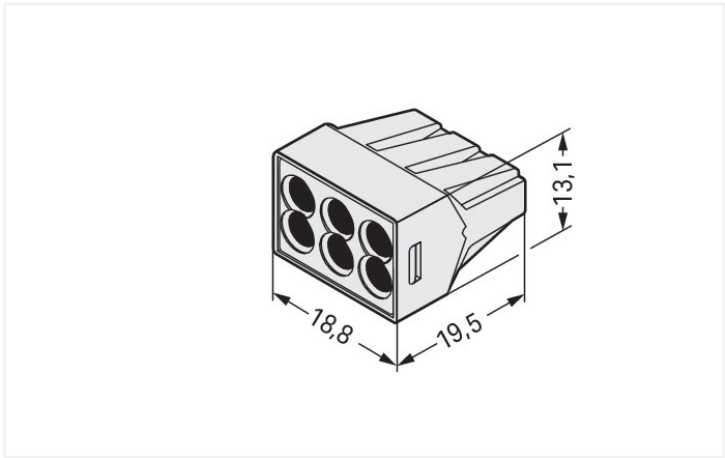
Data Sheet | Item Number: 773-496

PUSH WIRE® splicing connector; for solid and stranded conductors; for Ex applications; max. 2.5 mm²; 6-conductor; light gray housing; light gray cover; Surrounding air temperature: max 60°C; 2,50 mm²; light gray

<https://www.wago.com/773-496>



Color: ■ light gray



Dimensions in mm

Push wire® splicing connector, 773 Series, light gray

Push wire® splicing connector (item number 773-496) is designed for fault-free electrical installations. Quickly and securely connect conductors in any building installation with WAGO's 773 Series PUSH WIRE® connectors, designed for both surface and flush-mounted junction boxes. Whether you intend to use them in private or commercial applications, this series of PUSH WIRE® connectors for junction boxes ensures simple and time-saving installations. 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 is highly versatile. Our PUSH WIRE® connection offers a simple and reliable method for connecting solid conductors. The item's dimensions are 18.8 x 13.1 x 19.5 mm (width x height x depth). Depending on the conductor type, push wire® splicing connector is designed 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					Ex information	
Ratings per		EN 60079				
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 surge voltage	-	-	-			
Rated current	-	-	-		Rated current (Ex e II)	24 A



Connection data			
Clamping units	6	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		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		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		0.077 MJ	
Weight		3.6 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		4055143026581	
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
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-101747	ATEX UL International Demko A/ S	EN 60079	DEMKO 03 ATEX 131845U Rev. 1 (II 2 G Ex elIC Gb)
UL UL International Germany GmbH	UL 486C	E69654			

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 773-496	

Documentation

Bid Text			
773-496	19.02.2019	xml 3.15 KB	
773-496	17.05.2017	doc 25.00 KB	
ausschreiben.de 773-496			

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 773-496		EPLAN Data Portal 773-496	
		WSCAD Universe 773-496	
		ZUKEN Portal 773-496	



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