

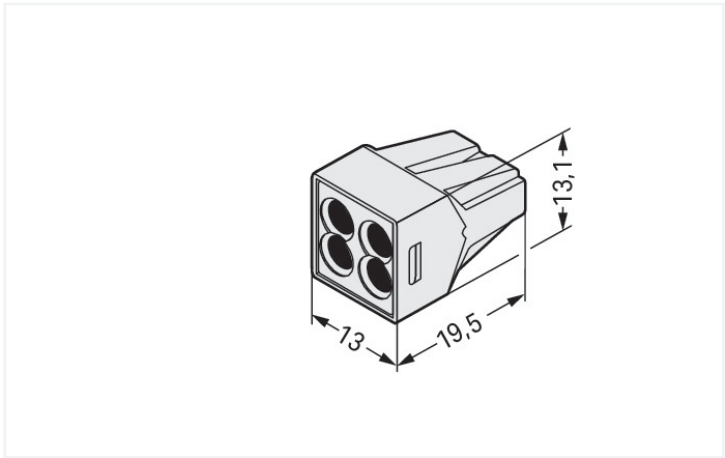
Data Sheet | Item Number: 773-494

PUSH WIRE® splicing connector; for solid and stranded conductors; for Ex applications; max. 2.5 mm²; 4-conductor; light gray housing; light gray cover; Surrounding air temperature: max 60°C; 2,50 mm²; light gray

<https://www.wago.com/773-494>



Color: ■ light gray



Dimensions in mm

Push wire® splicing connector, 773 Series, light gray

Push wire® splicing connector (item number 773-494) 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 used in private or commercial applications, this series of PUSH WIRE® connectors for junction boxes ensures simple and time-saving installations. Strip lengths must be 12 mm when connecting conductors to push wire® splicing connector. Featuring conductor terminals along with PUSH WIRE®, this product is highly versatile. Our PUSH WIRE® connection is the quick and simple method for connecting solid conductors. The dimensions are 13 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. Tin is used for coating the contact surfaces.

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	4	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		13 mm / 0.512 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		0.053 MJ
Weight		2.4 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)		1000 (100) pcs
Packaging type		Box
Country of origin		CN
GTIN		4055143026512
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 elIC Gb)

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 773-494	

Documentation

Bid Text			
773-494	19.02.2019	xml 3.15 KB	
773-494	17.05.2017	doc 25.00 KB	
ausschreiben.de 773-494			

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 773-494		EPLAN Data Portal 773-494	
		WSCAD Universe 773-494	
		ZUKEN Portal 773-494	



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