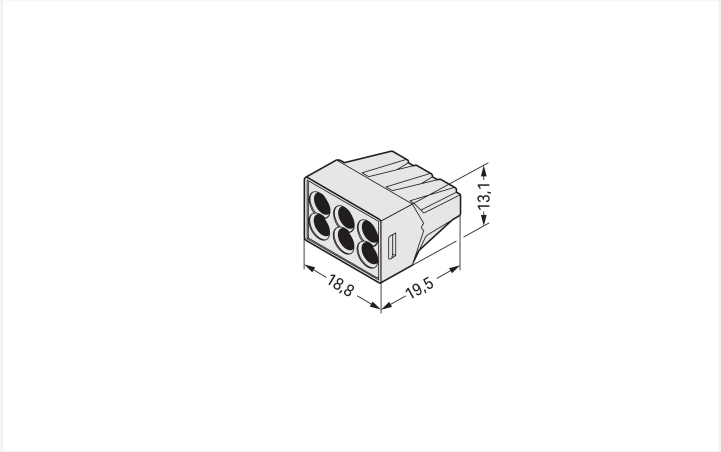
Data Sheet | Item Number: 773-496

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, PUSH WIRE®

Push wire® splicing connector (item number 773-496) simplifies 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 . This product features conductor terminals and utilizes PUSH WIRE®. Our PUSH WIRE® connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing you to clamp the conductor in place more quickly and easily. The item's dimensions are (18.8 x 13.1 x 19.5) mm (width x height x depth). Push wire® splicing connector is suitable for conductor cross sections ranging from 0.75 mm² to 2.5 mm².

The contact surface is coated with tin.

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	
Overvoltage category	III	III	II
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)	24 A

General information

Wiring direction	Side-entry wiring

Connection Data

Clamping units	6
Total number of potentials	1

Connection 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	0.074 MJ
Weight	3.6 g

Environmental requirements

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

Continued on next page

Commercial data

Product Group	7 (Push Wire Conn.)
PU (SPU)	500 (50) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143026581
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

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-101747
UL UL International Germany GmbH	UL 486C	E69654

Approvals for hazardous areas

Approval	Standard	Certificate Name
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 773-496

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			

Continued on next page

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