

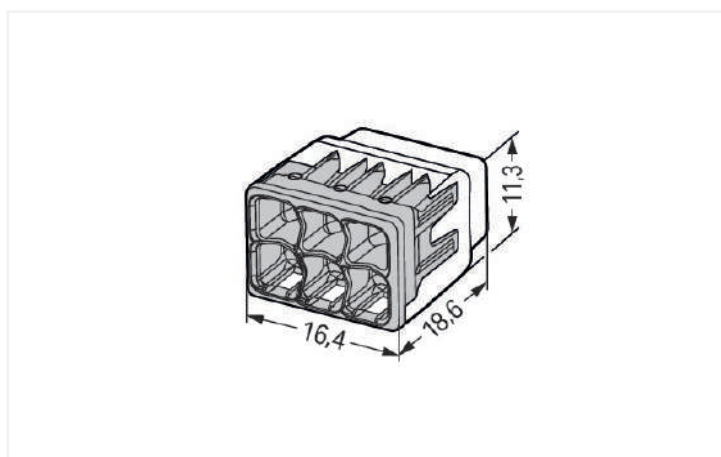
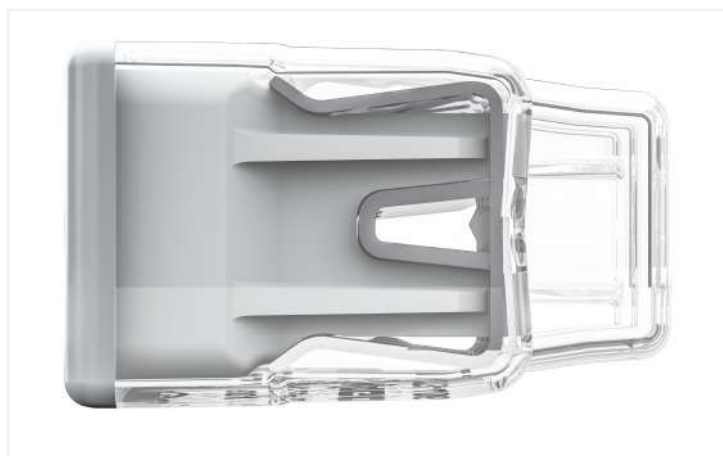
Data Sheet | Item Number: 2773-406

PUSH WIRE® splicing connector; for solid and stranded conductors; max. 4 mm²; 6-conductor; transparent housing; Gray cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

<https://www.wago.com/2773-406>



Color: ☐ transparent



Dimensions in mm

Push wire® splicing connector, 2773 Series, Push-in

Our push wire® splicing connector (item number 2773-406) is designed for seamless electrical installations. The 2773 Series PUSH WIRE® connectors for junction boxes provide safe, quick, and easy installations in any building, regardless of the complexity. Our splicing connector is rated for 450 V and is designed for use with a rated current of up to 32 A. It can therefore be used in high-load applications. Conductors can only be connected to push wire® splicing connector if their strip length is 13 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 faster and easier conductor clamping. The dimensions are 16.4 x 11.3 x 18.6 mm (width x height x depth). Push wire® splicing connector is suitable for conductor cross sections ranging from 0.75 mm² to 4 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!

Electrical data						
Ratings per		IEC/EN 60998			Approvals per	
		UL 486C				
Overvoltage category	III	III	II		Use group	B C D
Pollution degree	3	2	2		Rated voltage	- 600 V -
Nominal voltage	-	-	450 V		Rated current	- 20 A -
Rated surge voltage	-	-	4 kV			
Rated current	-	-	32 A			

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 ... 4 mm² / 20 ... 12 AWG
		Stranded conductor
		1.5 ... 4 mm² / 18 ... 12 AWG
		Conductor diameter
		1.6 ... 2 mm / 20 ... 12 AWG
		Strip length
		13 mm / 0.51 inches
		Wiring direction
		Side-entry wiring

Physical data	
Width	16.4 mm / 0.646 inches
Height	11.3 mm / 0.445 inches
Depth	18.6 mm / 0.732 inches

Material data	
Note (material data)	Information on material specifications can be found here
Color	transparent
Cover color	gray
Material group	IIa
Insulation material (main housing)	Polycarbonate (PC)
Flammability class per UL94	V2
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Tin
Fire load	0.024 MJ
Weight	2.6 g



Environmental requirements	
Ambient temperature (operation)	+85 °C
Processing temperature	-35 ... +60 °C
Continuous operating temperature	-40 ... +105 °C
Temperature marking per EN 60998	T85

Commercial data	
PU (SPU)	500 (50) pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143927666
Customs tariff number	85369010000

Product classification	
UNSPSC	39121409

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 60998	NL-86543	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
ENEC 05 DEKRA Certification B.V.	EN 60998	71-127515	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
KEMA/KEUR DEKRA Certification B.V.	EN 60669	71-101844			
UL_Listed_667F Underwriters Laboratories Inc.	UL 486C	E69654			
UL Underwriters Laboratories Inc.	UL 467	20180215-E201573			

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2773-406	



CAD/CAE-Data

CAD data

2D/3D Models
2773-406

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1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Moisture protection



Item No.: 207-1332

Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 2; gray

1.1.2 Mounting adapter

1.1.2.1 Mounting accessories



Item No.: 2773-500

Mounting carrier; for single- and double-row con.; 2773 Series; for DIN-35 rail mounting/screw mounting; orange

Installation Notes

Conductor termination



Strip solid or stranded conductor to 13 mm (0.51 inch).



The transparent housing shows if conductors are fully inserted; within the colored base, a clear port shows if the conductor's strip length is correct. Conductors are correctly stripped if the clear port shows no bare conductor on the unprinted connector side. Picture shows center conductor with exceeded strip length.



Termination: Insert the stripped conductor until it hits the backstop.



Removal: Hold solid conductor to be removed and twist alternately left and right while pulling the connector.



Solid conductors are inserted into the connector by simply pushing them in.



Stranded conductors are inserted into the connector by simply pushing them in.

Testing



Testing via test port opposite to conductor entry.

Application



Thanks to their flat and compact design, these connectors are ideal for wiring in flush-mount switch boxes.



With six variants, always have the right connector.