

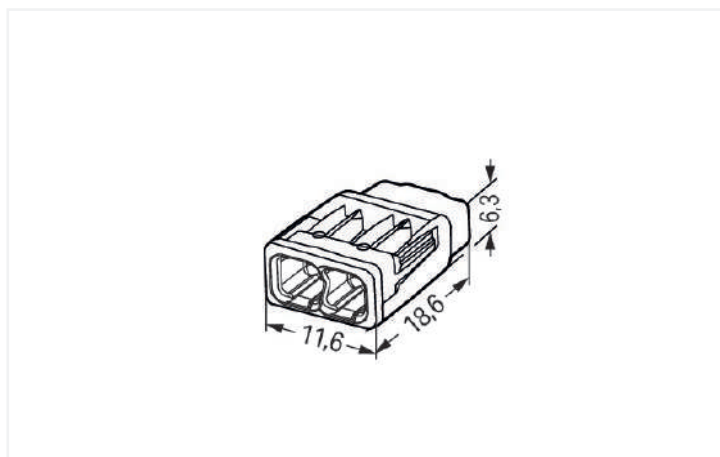
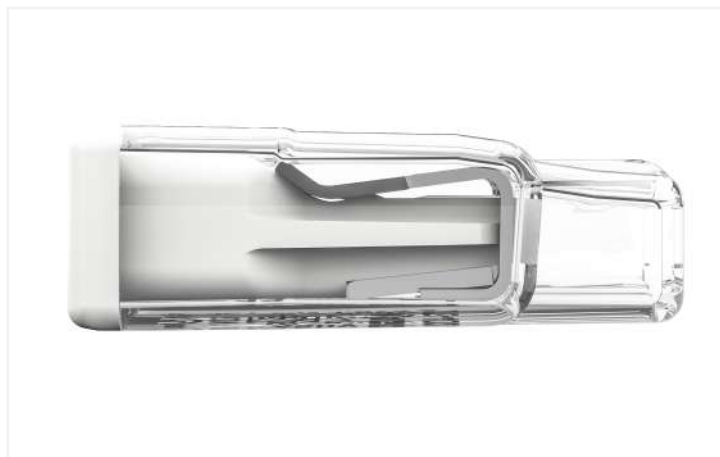
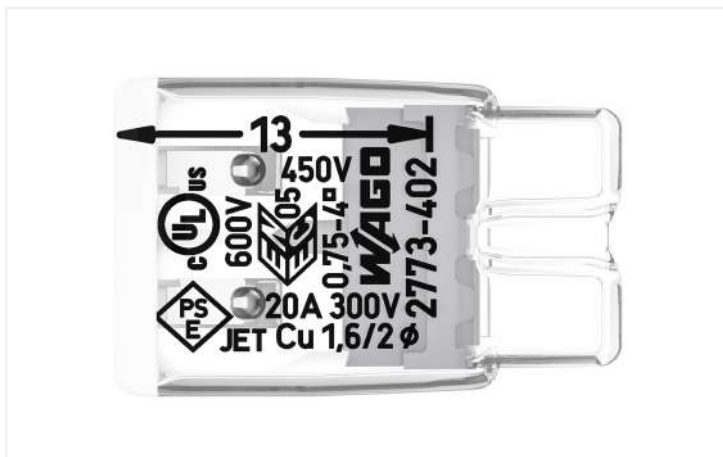
Data Sheet | Item Number: 2773-402

PUSH WIRE® splicing connector; for solid and stranded conductors; max. 4 mm²; 2-conductor; transparent housing; white cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

<https://www.wago.com/2773-402>



Color: ☐ transparent



Dimensions in mm

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

Our push wire® splicing connector (item number 2773-402) ensures effortless electrical installations. Quickly and securely connect conductors in any building installation with WAGO's 2773 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. Rated current and voltage are key factors to consider when selecting a splicing connector, as they determine the product's suitability for different applications. This product has a rated voltage of 450 V and a rated current of 32 A, making it suitable for 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 trusted PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. Dimensions: 11.6 x 6.3 x 18.6 mm (width x height x depth). Depending on the conductor type, push wire® splicing connector is ideal for conductor cross sections ranging from 0.75 mm² to 4 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!

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	2	Connection 1	
Total number of potentials	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	11.6 mm / 0.457 inches
Height	6.3 mm / 0.248 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	white	
Material group	IIIa	
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	0.034 MJ	
Weight	1.1 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)	1200 (120) pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4055143895408	
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
CB DEKRA Certification B.V.	IEC 60998	NL-86543
ENEC 05 DEKRA Certification B.V.	EN 60998	71-127515
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
Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-



Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2773-402
↓

CAD/CAE-Data

CAD data
2D/3D Models 2773-402
↓

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



[Item No.: 207-1333](#)
Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 3; 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.

Conductor termination



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.