

Data Sheet | Item Number: 2773-406

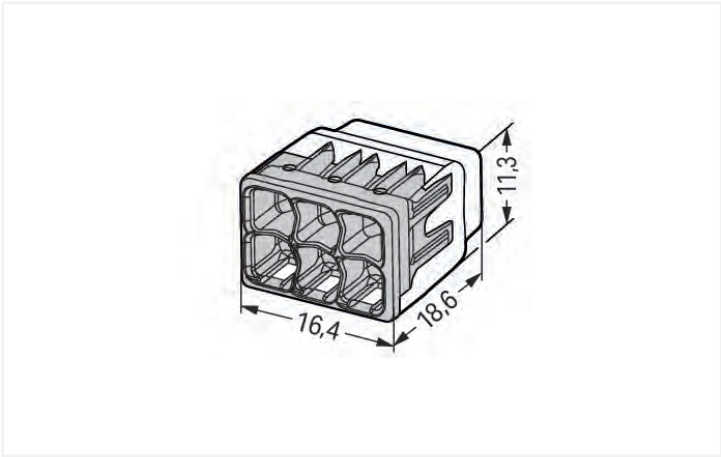
PUSH WIRE® splicing connector; for solid and stranded conductors; max. 4 mm²; 6-conductor; transparent housing; Gray cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

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



Color: ☐ transparent





Dimensions in mm

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

Push wire® splicing connector (item number 2773-406) simplifies 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. Conductors should only be connected to push wire® splicing connector if their strip length is 13 mm . Rated current and voltage are important parameters when choosing 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. Featuring conductor terminals along with PUSH WIRE®, this product outperforms the competition. Our PUSH WIRE® connection is the simple and reliable method for connecting solid conductors. The dimensions are (16.4 x 11.3 x 18.6) mm (width x height x depth). Depending on the conductor type, push wire® splicing connector is suitable for conductor cross sections ranging from 0.75 mm² to 4 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!

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 impulse withstand voltage	-	-	4 kV			
Rated current	-	-	32 A			

General information

Wiring direction	Side-entry wiring
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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 ... 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	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	0.024 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
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			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			

Approvals for marine applications		
Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60998	23-2417173-PDA
PRS Polski Rejestr Statków	EN 60998	TE/1093/880590/23

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

CAD/CAE-Data

CAD data
2D/3D Models 2773-406



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.