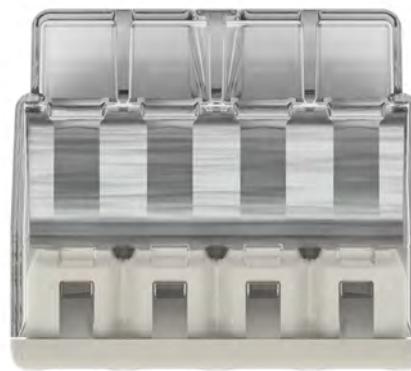


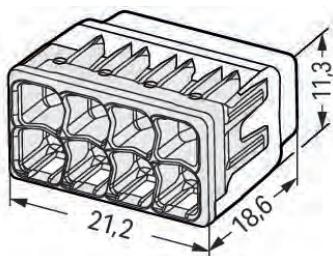
PUSH WIRE® splicing connector; for solid and stranded conductors; max. 4 mm<sup>2</sup>; 8-conductor; transparent housing; light gray cover; Surrounding air temperature: max 85°C (T85); 4,00 mm<sup>2</sup>; transparent

<https://www.wago.com/2773-408>



Color:  transparent





Dimensions in mm

#### Push wire® splicing connector, 2773 Series, transparent

Enjoy fault-free electrical installations with push wire® splicing connector (item number 2773-408). 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. Ensure that the strip lengths are 13 mm when connecting conductors to push wire® splicing connector. 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. 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 dimensions are (21.2 x 11.3 x 18.6) mm (width x height x depth). Depending on the type of conductor, push wire® splicing connector is designed for conductor cross sections ranging from 0.75 mm<sup>2</sup> to 4 mm<sup>2</sup>.

Tin is used for coating the contact surfaces.

#### 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		
Overvoltage category	III	III	II		
Pollution degree	3	2	2		
Nominal voltage	-	-	450 V		
Rated impulse withstand voltage	-	-	4 kV		
Rated current	-	-	32 A		

Approvals per			UL 486C		
Use group	B	C	D		
Rated voltage	-	600 V	-		
Rated current	-	20 A	-		

**General information**

Wiring direction	Side-entry wiring
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**Connection Data**

Clamping units	8
Total number of potentials	1

**Connection 1**

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper
Solid conductor	0.75 ... 4 mm <sup>2</sup> / 20 ... 12 AWG
Stranded conductor	1.5 ... 4 mm <sup>2</sup> / 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	21.2 mm / 0.835 inches
Height	11.3 mm / 0.445 inches
Depth	18.6 mm / 0.732 inches

**Material data**

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	transparent
Cover color	light 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 <sub>Cu</sub> )
Contact Plating	Tin
Fire load	0.057 MJ
Weight	3.4 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)	400 (40) pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143927192
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
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**Approvals / Certificates****General approvals**WIRE CONNECTOR  
667FWIRE CONNECTOR  
667FGROUNDING EQUIP  
646A

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	-	-

**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 2773-408

## CAD/CAE-Data

## CAD data

2D/3D Models  
2773-408

## 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 mm<sup>2</sup> connectors; without splicing connectors; Size 2; gray[Item No.: 207-1333](#)Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm<sup>2</sup> 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.



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.