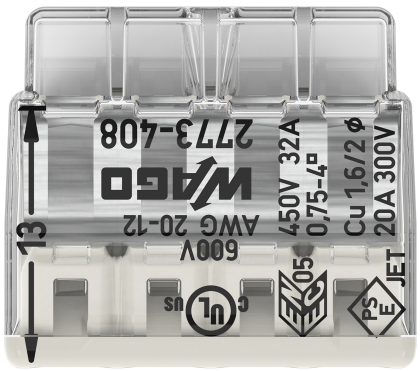
Data Sheet | Item Number: 2773-408

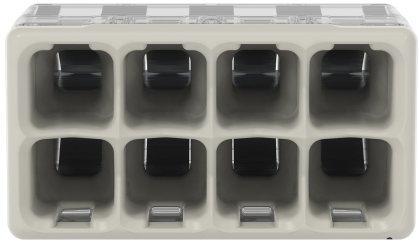
PUSH WIRE® splicing connector; for solid and stranded conductors; max. 4 mm²; 8-conductor; transparent housing; light gray cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

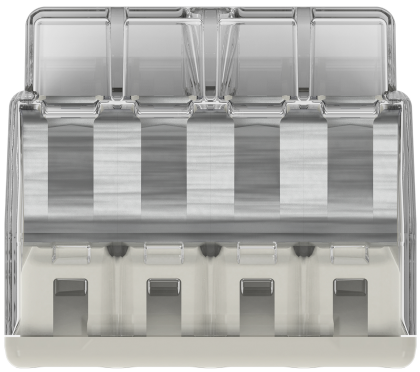
https://www.wago.com/2773-408

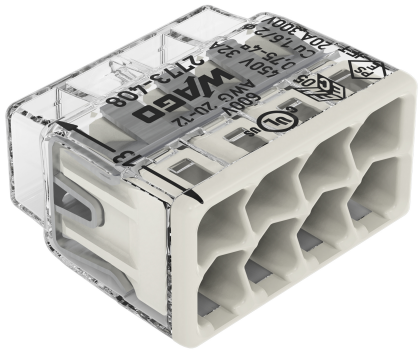




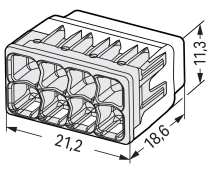
Color: ☐ transparent











Continued on next page

PUSH WIRE® splicing connector, 2773 Series, transparent

Our PUSH WIRE® splicing connector (item number 2773-408) ensures effortless electrical installations. The 2773 Series PUSH WIRE® connectors for junction boxes provide safe, quick, and easy installations in any building, no matter the position or location. Strip lengths must be 13 mm when connecting conductors to this PUSH WIRE® splicing connector. Rated current and voltage are key factors to consider when choosing a splicing connector, as they indicate how the product can be used. This product has a rated voltage of 450 V and a rated current of 32 A, making it suitable for high-load applications. This product incorporates conductor terminals and utilizes PUSH WIRE®. Our tried-and-tested PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. The item's dimensions are (21.2 x 11.3 x 18.6) mm (width x height x depth). This PUSH WIRE® splicing connector is suitable for conductor cross-sections ranging from 0.75 mm² to 4 mm².

Fast and straightforward: the PUSH WIRE® connection

The contact surface is tin-coated

- Permanently secure connections
- Compact sizes
- Actuation via push-in

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

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 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

Continued on next page

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)	Information on material specifications can be found here
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_{Cu})
Contact Plating	Tin
Fire load	0.053 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

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	UL-US-L69654-11-31308102-4
UL Underwriters Laboratories Inc.	UL 467	20180215-E201573

Approvals for marine applications

Approval	Standard	Certificate Name
ABS American Bureau of Shipping	EN 60998	23-2417173-PDA
PRS Polski Rejestr Statków	EN 60998	TE/1093/880590/23

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2773-408

CAD/CAE-Data

CAD data

2D/3D Models 2773-408

Continued on next page

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

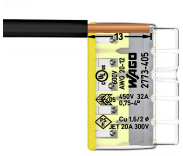
1.1.2.1 Mounting accessories



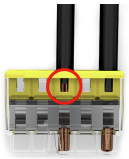
Item No.: 2773-500
Mounting carrier; for single- and double-row con.; 2773 Series; for DIN-35 rail mounting/ screw mounting; orange

Installation Notes

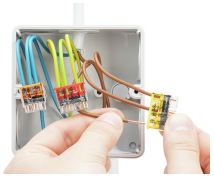
Conductor termination



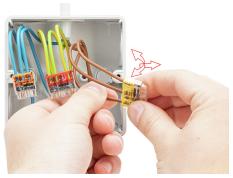
Strip solid or stranded conductor to 13 mm (0.51 inch).



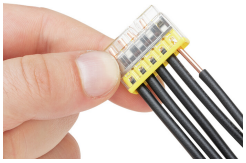
The transparent housing shows if conductors are fully inserted; within the colored base, a clear port shows if the conductor's strip length is correct.
Conductors are correctly stripped if the clear port shows no bare conductor on the unprinted connector side. Picture shows center conductor with exceeded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



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



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

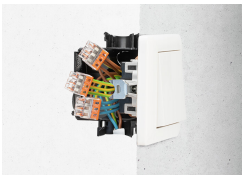
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Testing



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.