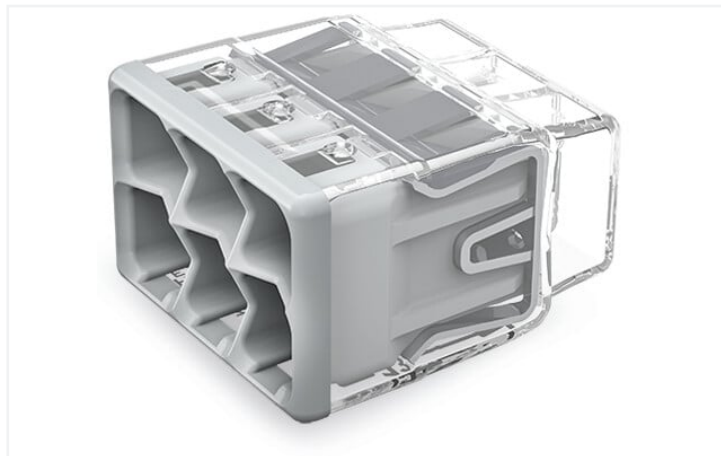


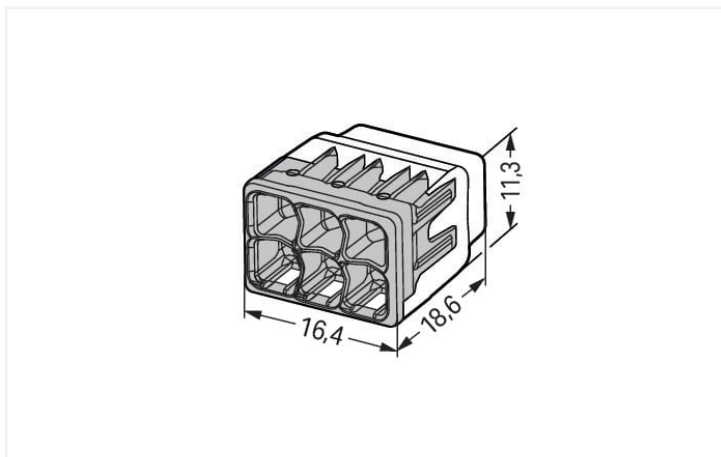
Data Sheet | Item Number: 2773-406

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

Advantages:

- Convenient wiring via extremely compact design
- Push-in termination of up to eight solid and stranded conductors
- Conductor range: 0.75 ... 4 mm² "s" and 1.5 ... 4 mm² "st"
- Any combination of conductor sizes is possible
- PUSH WIRE® connection terminates solid ("s+str") copper conductors

Notes

Sicherheitshandhabungshinweis

Attention: Observe operating instructions, danger to life and limb!

- **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 surge voltage		-		-		4 kV	
Rated current		-		-		32 A	

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

Connection data							
Connection points		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	IIIa
Insulation material	Polycarbonate (PC)
Flammability class per UL94	V2
Fire load	0 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		
ETIM 8.0		EC000446
ETIM 7.0		EC000446
PU (SPU)		500 (50) pcs
Packaging type		Box
Country of origin		DE
GTIN		4055143927666
Customs tariff number		85369010000

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
<div></div>					
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	



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

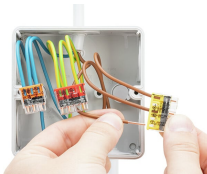
Conductor termination



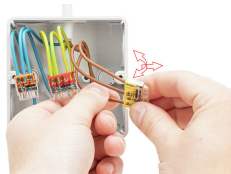
Strip solid or stranded conductor to 13 mm (0.51 inch).



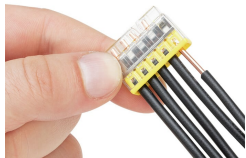
The transparent housing shows if conductors are fully inserted; within the colored base, a clear port shows if the conductor's strip length is correct. Conductors are correctly stripped if the clear port shows no bare conductor on the unprinted connector side. Picture shows center conductor with exceeded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



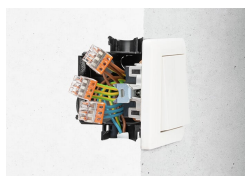
Stranded conductors are inserted into the connector by simply pushing them in.

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.