

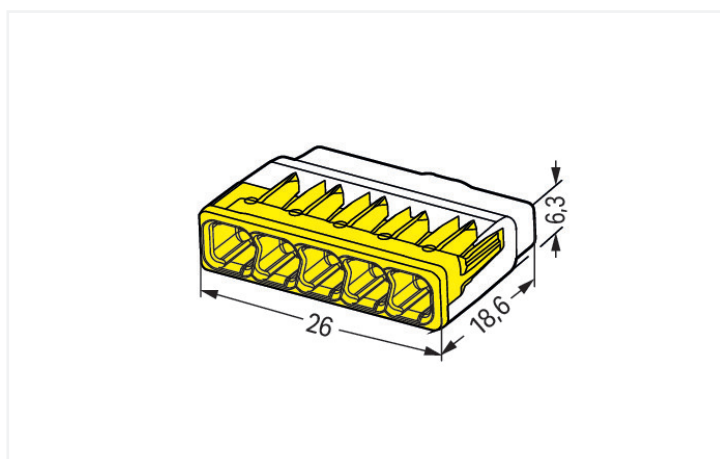
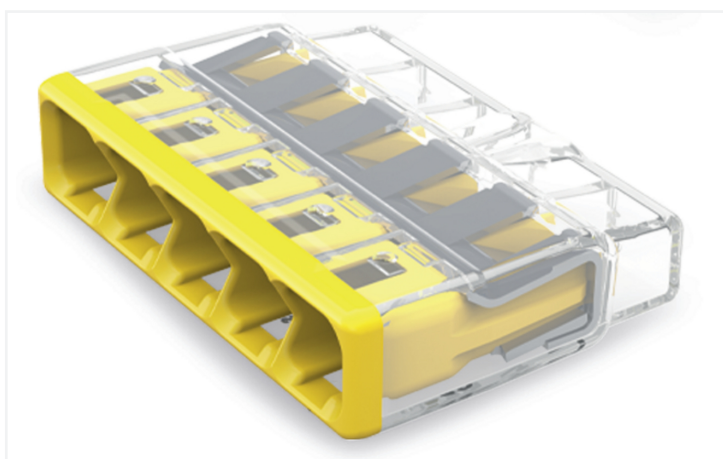
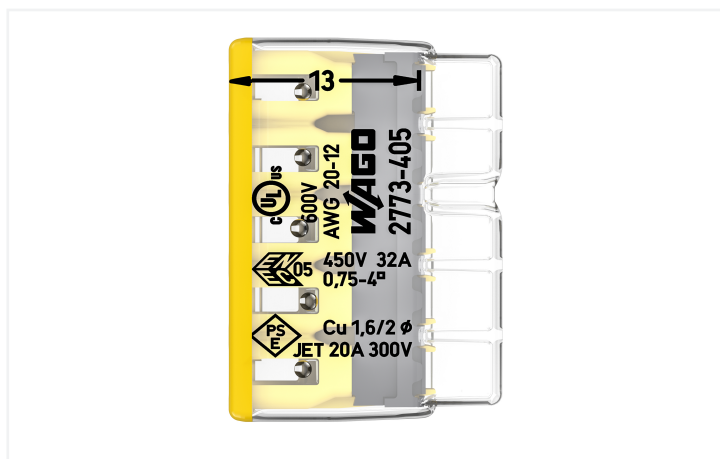
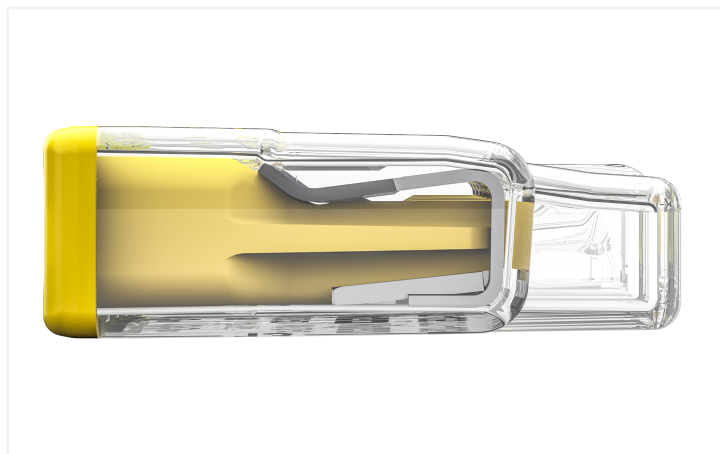
## Data Sheet | Item Number: 2773-405

PUSH WIRE® splicing connector; for solid and stranded conductors; max. 4 mm<sup>2</sup>; 5-conductor; transparent housing; yellow cover; Surrounding air temperature: max 85°C (T85); 4,00 mm<sup>2</sup>; transparent

<https://www.wago.com/2773-405>



Color: ☐ transparent



Dimensions in mm

Push wire® splicing connector, 2773 Series, transparent

Enjoy seamless electrical installations with push wire® splicing connector (item number 2773-405). The 2773 Series PUSH WIRE® connectors for junction boxes provide safe, quick, and easy installations in any building, no matter the position or location. This splicing connector has a rated voltage of 450 V and can handle currents up to 32 A, making it suitable for high-load applications. Ensure that the strip lengths are 13 mm when connecting conductors to push wire® splicing connector. This product features conductor terminals and utilizes PUSH WIRE®. Our PUSH WIRE® connection offers a quick and easy method for connecting solid conductors. The item's dimensions are 26 x 6.3 x 18.6 mm (width x height x depth). Push wire® splicing connector is suitable for conductor cross sections ranging from 0.75 mm<sup>2</sup> to 4 mm<sup>2</sup>. The contact surface is coated with tin.



Notes	
General safety instructions	<div><b>NOTICE: Observe installation and safety instructions!</b></div> <div><ul style="list-style-type: none"><li>• <b>Only to be used by electricians!</b></li><li>• Do not work under voltage/load!</li><li>• Use only for proper use!</li><li>• Observe national regulations/standards/guidelines!</li><li>• Observe technical specifications for the products!</li><li>• Observe the number of permissible potentials!</li><li>• Do not use damaged/dirty components!</li><li>• Observe conductor types, cross-sections and strip lengths!</li><li>• Insert conductor until it hits the product's backstop!</li><li>• Use original accessories!</li></ul></div> <div><b>To be sold only with installation instructions!</b></div>

Electrical data						
Ratings per		IEC/EN 60998			Approvals per	
		UL 486C				
Overvoltage category	III	III	II	Use group	B	C
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	5	<div><b>Connection 1</b></div> <div>Connection technology</div> <div>PUSH WIRE®</div> <div>Actuation type</div> <div>Push-in</div> <div>Connectable conductor materials</div> <div>Copper</div> <div>Solid conductor</div> <div>0.75 ... 4 mm² / 20 ... 12 AWG</div> <div>Stranded conductor</div> <div>1.5 ... 4 mm² / 18 ... 12 AWG</div> <div>Conductor diameter</div> <div>1.6 ... 2 mm / 20 ... 12 AWG</div> <div>Strip length</div> <div>13 mm / 0.51 inches</div> <div>Wiring direction</div> <div>Side-entry wiring</div>
Total number of potentials	1	

Physical data	
Width	26 mm / 1.024 inches
Height	6.3 mm / 0.248 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	yellow
Material group	IIa
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	0.05 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)		600 (60) pcs
Packaging type		Box
Country of origin		DE
GTIN		4055143919241
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		
<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 2773-405		

CAD/CAE-Data

CAD data

2D/3D Models  
2773-405

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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

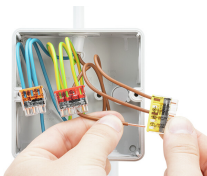
Conductor termination



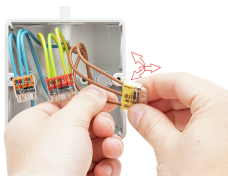
Strip solid or stranded conductor to 13 mm (0.51 inch).



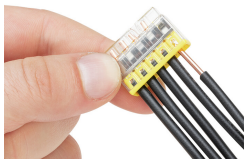
The transparent housing shows if conductors are fully inserted; within the colored base, a clear port shows if the conductor's strip length is correct. Conductors are correctly stripped if the clear port shows no bare conductor on the unprinted connector side. Picture shows center conductor with exceeded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

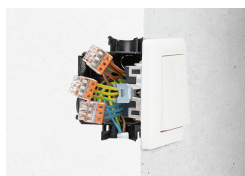


## Testing



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.