Data sheet | Item number: 2773-403

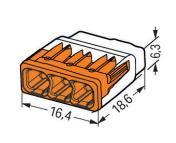
COMPACT splicing connector; for solid and stranded conductors; max. 4 mm²; 3conductor; transparent housing; orange cover; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent



https://www.wago.com/2773-403



 $Color: \times transparent$



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 mm^2 "s" and 1.5 ... 4 mm^2 "st"
- Any combination of conductor sizes is possible
- PUSH WIRE® connection terminates solid ("s+str") copper conductors

Electrical data

Ratings per IEC/EN		Ratings per UL		
Ratings per	IEC/EN 60998	Approvals per	UL 486C	
Nominal voltage (II/2)	450 V	Rated voltage (UL)	600 V	
Rated surge voltage (II/2)	4 kV	Rated current UL	20 A	
Rated current	32 A			
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Polluti- on degree 2			

Connection data			
Total number of connection points	3	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

Strip length

Wiring direction

1.6 ... 2 mm / 20 ... 12 AWG

13 mm / 0.51 inch

Side-entry wiring

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Physical data	
Width	16.4 mm / 0.646 inch
Height	6.3 mm / 0.248 inch
Depth	18.6 mm / 0.732 inch

Note (material data)Information on material data can be found hereColortransparentCover colororangeFlammability class per UL94V2Fire load0.007 MJWeight16 g	Material data	
Cover colororangeFlammability class per UL94V2Fire load0.007 MJ	Note (material data)	Information on material data can be found here
Flammability class per UL94 V2 Fire load 0.007 MJ	Color	transparent
Fire load 0.007 MJ	Cover color	orange
	Flammability class per UL94	V2
Weight 16 g	Fire load	0.007 MJ
Weight 1.0 g	Weight	1.6 g

Environmental requirements	
Ambient temperature (operation)	+85 °C
Continuous operating temperature	-40 +105 °C
Temperature marking per EN 60998	T85

Commercial data	
PU (SPU)	1000 (100) Stück
Packaging type	Box
Country of origin VKOrg Germany	DE
GTIN	4055143927550
Customs tariff number VKOrg Germany	85369010000

Approvals and certificates

Country specific Approvals

KEMA

Approval	Standard	Certificate name
CB DEKRA Certification B.V.	IEC 60998	NL-49187
KEMA/KEUR DEKRA Certification B.V.	EN 60669	71-101844

UL-Approvals

	ULISTED
WIRE CONNECTOR	GROUNDING EQU

Approval	Standard	Certificate name
UL_Listed_667F Underwriters Laboratories Inc.	UL 486C	E69654
UL Underwriters Laboratories Inc.	UL 467	20180215-E201573

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Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2773-403	$\underline{\checkmark}$

Documentation		
Additional Information		
Technical Section	pdf 2142.18 KB	\downarrow

CAD/CAE-Data	
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CAD data	
2D/3D Models 2773-403	\downarrow

1 Compatible products

1.1 Optional accessories

1.1.1 Mounting adapter

1.1.1.1 Mounting accessories



ltem no.: 2773-500

Mounting carrier; for single- and doublerow con.; 2773 Series; for DIN-35 rail mounting/screw mounting; orange

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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.



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.

Subject to changes. Please also observe the further product documentation!



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.

