

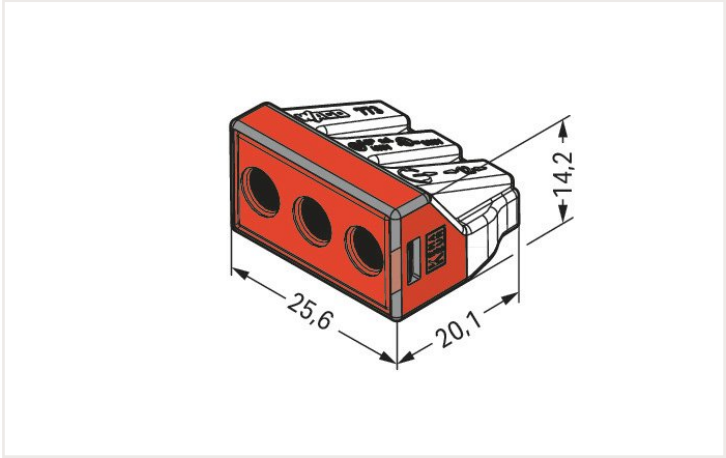
Data sheet | Item number: 773-173

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; max. 6 mm²; 3-conductor; transparent housing; red cover; Surrounding air temperature: max 60°C; 6,00 mm²; multicoloured

<https://www.wago.com/773-173>



Color: multicoloured



Dimensions in mm

Notes	
Safety information 1	in grounded power lines

Electrical data	
Ratings per IEC/EN	
Ratings per	IEC/EN 60664-1
Nominal voltage (II/2)	400 V
Rated surge voltage (II/2)	4 kV
Rated current	41 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Connection data	
Total number of connection points	3
Total number of potentials	1
Connection 1	
Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum

Connection 1

Connectable conductor materials (note)

Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste [249-130](#) is used for termination.

"Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

For spring clamp connections with PUSH WIRE® connection technology, **WAGO recommends that the aluminum conductor first be cleaned** and then immediately inserted into the clamping unit filled with "Alu-Plus" contact paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::

2.5 mm² = 16 A

4 mm² = 22 A

Solid conductor	2.5 ... 6 mm ² / 14 ... 10 AWG
Stranded conductor	2.5 ... 6 mm ² / 14 ... 10 AWG
Strip length	12 ... 13 mm / 0.47 ... 0.51 inch
Wiring direction	Side-entry wiring

Physical data

Width	25.6 mm / 1.008 inch
Height	14.2 mm / 0.559 inch
Depth	20.1 mm / 0.791 inch

Material data

Note (material data)	Information on material data can be found here
Color	multicoloured
Cover color	red
Flammability class per UL94	V2
Fire load	0.115 MJ
Weight	5.8 g



Environmental requirements	
Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °C

Commercial data	
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 7.0	EC000446
ETIM 6.0	EC000446
PU (SPU)	500 (50) Stück
Packaging type	Box
Country of origin VKOrg Germany	CN
GTIN	4050821215141
Customs tariff number VKOrg Germany	85369010000

Approvals and certificates	
Country specific Approvals	Ship Approvals



Approval	Standard	Certificate name
CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)
ENEC 15 UL International Germany GmbH	EN 60998	ENEC-01207



Approval	Standard	Certificate name
ABS American Bureau of Ship- ping	-	18-HG1755093-PDA

UL-Approvals



Approval	Standard	Certificate name
UL UL International Germany GmbH	UL 486C	E69654

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 773-173





Documentation				
Additional Information			Bid Text	
Technical Section	pdf	2142.18 KB	773-173	19.02.2019
			xml	3.24 KB
			773-173	17.05.2017
			doc	25.00 KB
			ausschreiben.de	773-173

CAD/CAE-Data		
CAD data		CAE data
2D/3D Models 773-173		EPLAN Data Portal 773-173 
		WSCAD Universe 773-173 
		ZUKEN Portal 773-173 

1 Compatible products
1.1 Optional accessories
1.1.1 Mounting adapter
1.1.1.1 Mounting accessories



Item no.: 773-332
Mounting carrier; 773 Series - 2.5 mm² / 4 mm² / 6 mm²; for DIN-35 rail mounting/ screw mounting; orange

1.1.2 Tool
1.1.2.1 "Alu-Plus" contact paste



Item no.: 249-130
Syringe; Contents: 20 ml Alu-Plus contact paste