

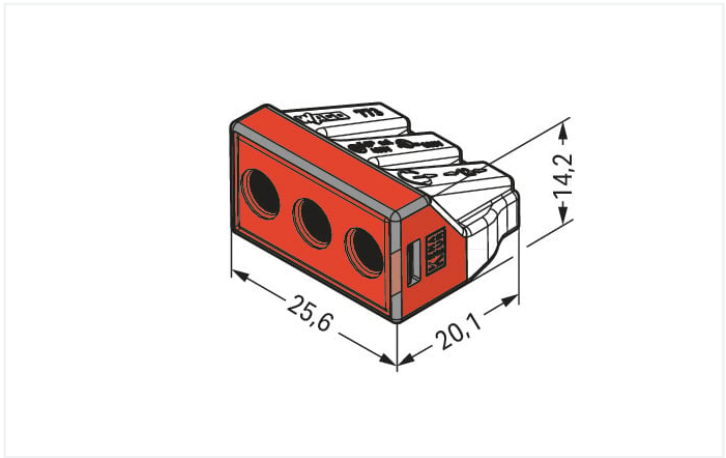
Data Sheet | Item Number: 773-173

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	in grounded power lines
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Electrical data

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

Connection data

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 mm² / 14 ... 10 AWG
Stranded conductor	2.5 ... 6 mm² / 14 ... 10 AWG
Strip length	12 ... 13 mm / 0.47 ... 0.51 inches
Wiring direction	Side-entry wiring

Physical data	
Width	25.6 mm / 1.008 inches
Height	14.2 mm / 0.559 inches
Depth	20.1 mm / 0.791 inches

Material data	
Note (material data)	Information on material specifications 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	
Continuous operating temperature	105 °C

Commercial data	
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	500 (50) pcs
Packaging type	Box
Country of origin	CN
GTIN	4050821215141
Customs tariff number	85369010000

Approvals / Certificates					
General approvals			Approvals for marine applications		
  					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)	ABS American Bureau of Ship- ping	-	18-HG1755093-PDA
ENEC 15 UL International Germany GmbH	EN 60998	ENEC-01207			
UL UL International Germany GmbH	UL 486C	E69654			

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 773-173	

Documentation			
Bid Text			
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
2D/3D Models 773-173



CAE data
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