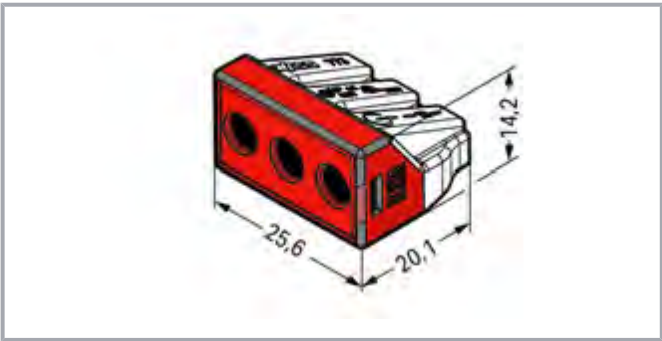
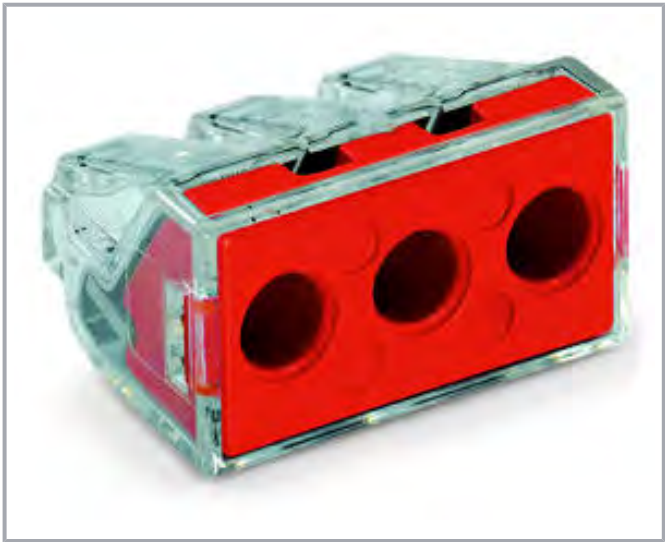


Data sheet | Item number: 773-173
PUSH WIRE® connector for junction boxes; 3-conductor; AWG 10;
transparent housing; red face



Data
Notes

Safety information 1	in grounded power lines
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Electrical data

IEC Approvals

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) Δ Overvoltage category II / Pollution degree 2

Connection data

Total number of connection points	3
Total number of potentials	1

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



Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Note on connectable conductor materials	<p>WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste is used for termination.</p> <p>"Alu-Plus" Contact Paste Advantages:</p> <ul style="list-style-type: none"> ■ 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. <p>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.</p> <p>It is also possible to apply WAGO "Alu-Plus" additionally on the whole surface of the aluminum conductor before termination.</p> <p>Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::</p> <p>2.5 mm² = 16 A 4 mm² = 22 A</p>
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 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

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

Material data

Note on 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



Surrounding air temperature (operation)	60 °C
Continuous operating temperature	105 °C

Commercial data


PU (SPU)	500 (50) Stück
Packaging type	box
Country of origin	CN
GTIN	4050821215141
Customs tariff number	8536904000

Approvals / Certificates

Country specific Approvals


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

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	18- HG1755093- PDA

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

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 486C	E69654

Optional accessories**Mounting adapter**

Mounting accessories

Item no.: 773-332

Mounting carrier; 773 series PUSH WIRE® connectors for junction boxes; orange

Downloads**Documentation****Bid Text**

773-173 Feb 19, 2019

X81 - Datei

773-173 May 17, 2017

doc - Datei

ausschreiben.de 773-173

Additional Information

Technical explanations

CAD files**CAD data**

2D/3D Models 773-173

CAE data

EPLAN Data Portal 773-173

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



WSCAD Universe 773-173

ZUKEN Portal 773-173

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 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

Installation Notes

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