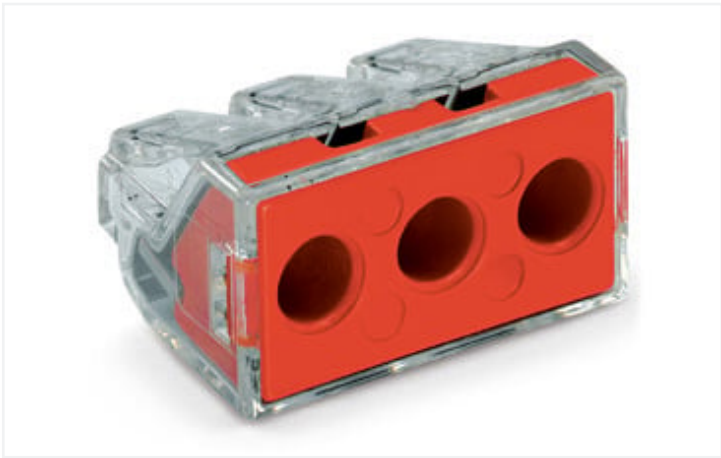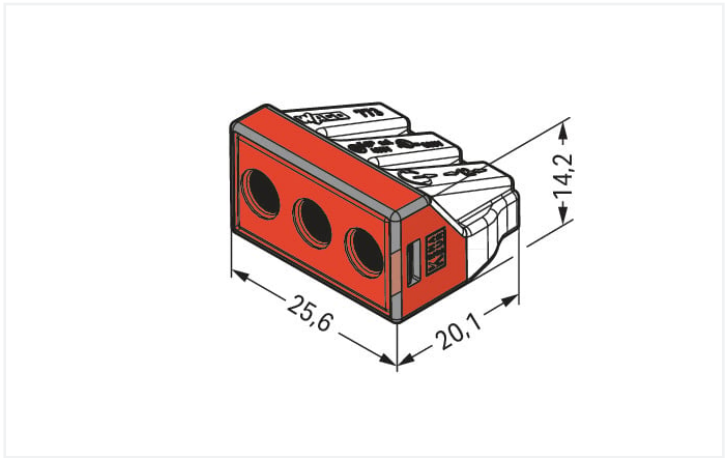# Data Sheet | Item Number: 773-173

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: ☐ multi-colored

Dimensions in mm

Notes

Sicherheitshandhabungshinweis	**Attention: Observe operating instructions, danger to life and limb!** • **Only to be used by electricians!** • Do not work under voltage/load! • Use only for proper use! • Observe national regulations/standards/guidelines! • Observe technical specifications for the products! • Observe the number of permissible potentials! • Do not use damaged/dirty components! • Observe conductor types, cross-sections and strip lengths! • Insert conductor until in hits the product's backstop! • Use original accessories! **To be sold only with installation instructions!**
Safety information	in grounded power lines

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	400 V
Rated surge voltage	-	-	4 kV
Rated current	-	-	41 A

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 (Not for use in North America)** 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	multi-colored
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 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

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)
ENEC 15 UL International Germany GmbH	EN 60998	ENEC-01207
UL UL International Germany GmbH	UL 486C	E69654

Approvals for marine applications

Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	18-HG1755093-PDA

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 773-173	↓

WAGO

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

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

Current addresses can be found at:: www.wago.com