Data sheet | Item number: 773-164

PUSH WIRE® connector for junction boxes; 4-conductor; transparent housing; orange face

Data

Notes

Safety information 1	in grounded power lines

Electrical data

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

IEC Approvals

Ratings per	IEC/EN 60664-1
Nominal voltage (II/2)	400 V
Rated surge voltage (II/2)	4 kV
Rated current	24 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Connection data

Total number of connection points	4
Total number of potentials	1

Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Note on connectable conductor materials	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. “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	0.75 … 2.5 mm² / 18 … 12 AWG
Stranded conductor	1.5 … 2.5 mm² / 16 … 12 AWG
Strip length	12 mm / 0.47 inch
Wiring direction	Side-entry wiring

Physical data

Width	13 mm / 0.512 inch
Height	13.1 mm / 0.516 inch
Depth	19.5 mm / 0.768 inch

Material data

Note on material data	Information on material data can be found here
Color	multicoloured
Cover color	orange
Flammability class per UL94	V2
Fire load	0.057 MJ
Weight	2.7 g

Environmental requirements

Surrounding air temperature (operation)	60 °C

Commercial data

Product Group	7 (Push Wire Conn.)
PU (SPU)	1000 (100) Stück
Packaging type	box
Country of origin	DE
GTIN	4044918398022
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)

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

Additional Information
Technical explanations

CAD files

CAE data

WSCAD Universe 773-164

EPLAN Data Portal 773-164

Installation Notes

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