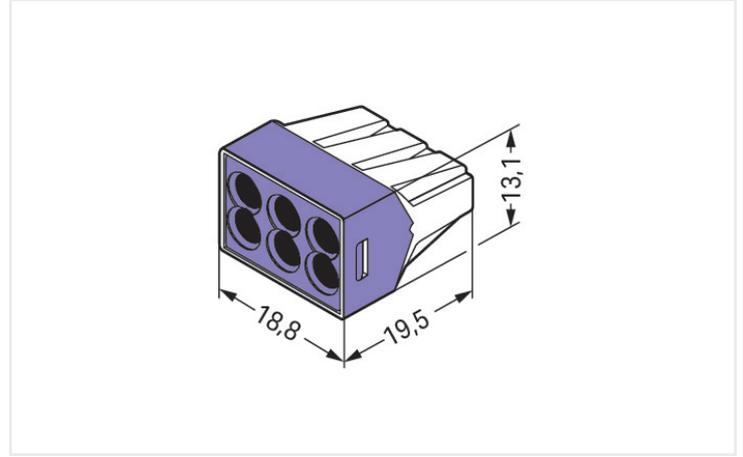# Data sheet | Item number: 773-106

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; max. 2.5 mm²; 6-conductor; transparent housing; violet cover; Surrounding air temperature: max 60°C; 2,50 mm²; multicoloured

https://www.wago.com/773-106

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	24 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Connection data

Total number of connection points	6
Total number of potentials	1

Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum

WAGO

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	0.75 … 2.5 mm² / 18 … 12 AWG
Stranded conductor	1.5 … 2.5 mm² / 16 … 12 AWG
Note (conductor cross-section)	When using conductors of the same diameter, 0.75 mm²/18 AWG cross-section is also possible.
Abisolierlänge	12 mm / 0.47 inches
Wiring direction	Side-entry wiring

Physical data

Width	18.8 mm / 0.74 inches
Height	13.1 mm / 0.516 inches
Depth	19.5 mm / 0.768 inches

Material data

Note (material data)	Information on material data can be found here
Color	multicoloured
Cover color	violet
Flammability class per UL94	V2
Fire load	0.076 MJ
Weight	3.5 g

Environmental requirements

Ambient temperature (operation)	+60 °C

Commercial data

Product Group	7 (Push Wire Conn.)
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) Stück
Packaging type	Box
Country of origin VKOrg Germany	CN
GTIN	4044918397681
Customs tariff number VKOrg Germany	85369010000

Approvals and certificates

General approvals

Approval	Standard	Certificate name
CCA UL International Demko A/S	EN 60998	CCA-DK No. 2520
CSA DEKRA Certification B.V.	C22.2	15411 (LR46759)
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-101747
ÖVE Österreichischer Verband für Elektrotechnik	EN 60998	1193-031-09
UL UL International Germany GmbH	UL 486C	E69654
UL UL International Germany GmbH	EN 60998	D-03479-A1

Approvals for marine applications

Approval	Standard	Certificate name
ABS American Bureau of Shipping	-	18-HG1755093-PDA
BV Bureau Veritas S.A.	EN 60998	11914/D0 BV
DNV GL Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
LR Lloyds Register	EN 60998	LR22207029TA

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 773-106	↓

Documentation

Additional Information

Technical Section	pdf 2142.18 KB	↓

CAD/CAE-Data

CAE data

WSCAD Universe 773-106	↓

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