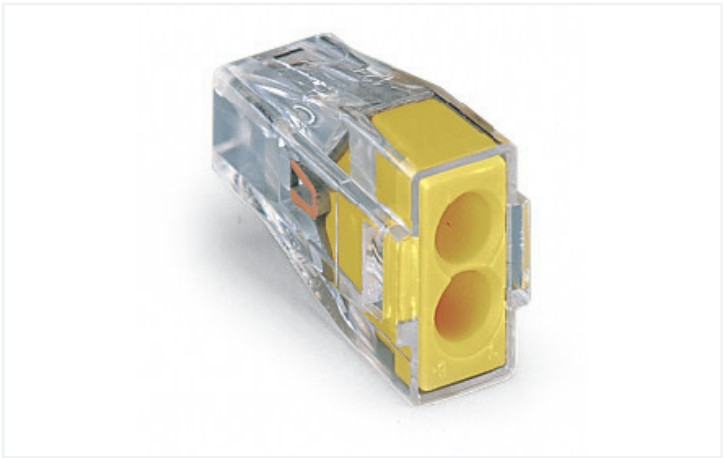


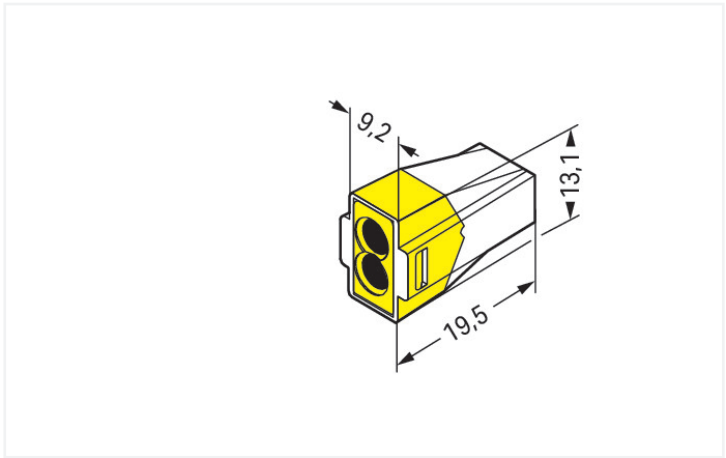
Data Sheet | Item Number: 773-102

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

<https://www.wago.com/773-102>



Color: ☐ multi-colored



Dimensions in mm

Notes

Safety information	in grounded power lines
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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	-	-	24 A

Connection data

Connection points	2
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	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.
Strip length	12 mm / 0.47 inches
Wiring direction	Side-entry wiring

Physical data	
Width	9.2 mm / 0.362 inches
Height	13.1 mm / 0.516 inches
Depth	19.5 mm / 0.768 inches

Material data	
Note (material data)	Information on material specifications can be found here
Color	multi-colored
Cover color	yellow
Flammability class per UL94	V2
Fire load	0.037 MJ
Weight	1.6 g



Environmental requirements	
Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °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)	1000 (100) pcs
Packaging type	Box
Country of origin	CN
GTIN	4044918397537
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations									
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)									
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									
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-
Approval	Standard	Certificate Name									
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-									
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-									

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 773-102		

Documentation		
Additional Information		
Technical Section	pdf 2240.62 KB	

CAD/CAE-Data		
CAE data		
WSCAD Universe 773-102		

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