

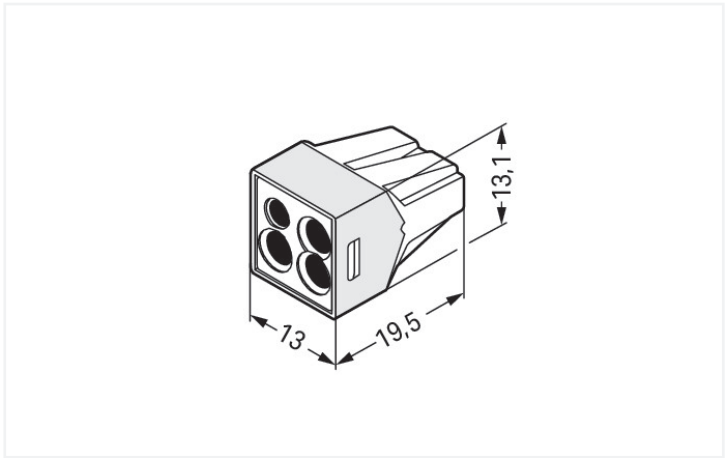
Data Sheet | Item Number: 773-124

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; max. 2.5 mm²; 4-conductor; transparent housing; light gray cover; Surrounding air temperature: max 60°C; 2,50 mm²; multicoloured

<https://www.wago.com/773-124>



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	4
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)	<p><b>Terminating Aluminum Conductors</b></p> <p>WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste <a href="https://www.wago.com/249-130">249-130</a> is used for termination.</p> <p>"Alu-Plus" Contact Paste Advantages:</p> <ul style="list-style-type: none"><li>• Automatically destroys the oxide film during clamping.</li><li>• Prevents fresh oxidation at the clamping point.</li><li>• Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).</li><li>• Provides long-term protection against corrosion.</li></ul> <p>For spring clamp connections with PUSH WIRE® connection technology, <b>WAGO recommends that the aluminum conductor first be cleaned</b> 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" <b>additionally</b> 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> <table><tr><td>Solid conductor</td><td>0.75 ... 2.5 mm² / 18 ... 12 AWG</td></tr><tr><td>Stranded conductor</td><td>1.5 ... 2.5 mm² / 16 ... 12 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.75 mm² / 18 AWG</td></tr><tr><td>Strip length</td><td>12 mm / 0.47 inches</td></tr><tr><td>Wiring direction</td><td>Side-entry wiring</td></tr></table>	Solid conductor	0.75 ... 2.5 mm² / 18 ... 12 AWG	Stranded conductor	1.5 ... 2.5 mm² / 16 ... 12 AWG	Fine-stranded conductor	0.75 mm² / 18 AWG	Strip length	12 mm / 0.47 inches	Wiring direction	Side-entry wiring
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Physical data	
Width	13 mm / 0.512 inches
Height	13.1 mm / 0.516 inches
Depth	19.5 mm / 0.768 inches

Material data	
Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	multi-colored
Cover color	light gray
Flammability class per UL94	V2
Fire load	0.058 MJ
Weight	2.8 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	DE
GTIN	4044918397834
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)
UL UL International Germany GmbH	UL 486C	E69654