

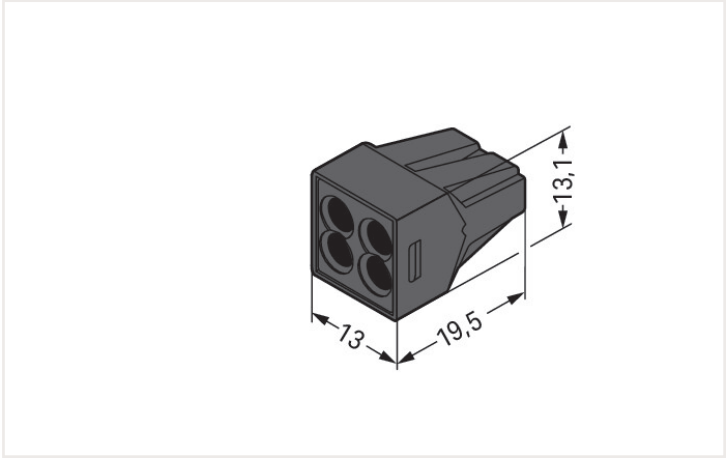
| : 773-514

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; max. 2.5 mm²; 4-conductor; Black housing; black cover; Max. surrounding air temperature: 105 °C; 2,50 mm²; black

<https://www.wago.com/773-514>



: ■ black



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	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)	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
Strip length	12 mm / 0.47 inches
Wiring direction	Side-entry wiring

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)	Information on material data can be found here
Color	black
Cover color	black
Flammability class per UL94	V2
Fire load	0 MJ
Weight	2.1 g

Environmental requirements

Ambient temperature (operation)	+60 °C
Continuous operating temperature	150 ... 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)	100 Stück
Packaging type	Box
Country of origin VKOrg Germany	CN
GTIN	4045454259433
Customs tariff number VKOrg Germany	85369010000

Approvals and certificates

Country specific Approvals



CSA
DEKRA Certification B.V.

C22.2

15411 (LR46759)

UL-Approvals



UL
UL International Germany
GmbH

UL 486C

E69654