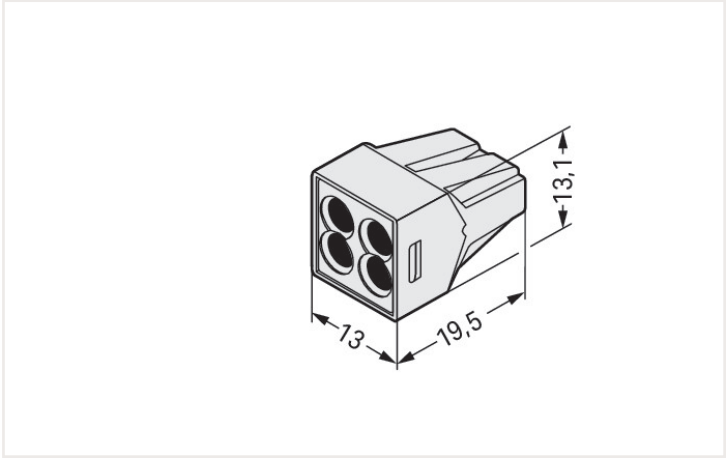


| : 773-494

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; for Ex applications; max. 2.5 mm²; 4-conductor; light gray housing; light gray cover; Surrounding air temperature: max 60°C; 2,50 mm²; light gray
<https://www.wago.com/773-494>



: light gray



Dimensions in mm

Notes		
Safety information 2	To be used only in conjunction with a mounting carrier (773-331).	

Electrical data		
Ratings per IEC/EN		Ex information
Ratings per	EN 60079	Rated voltage EN (Ex e II) 550 V
		Note (rated voltage) 275 V at a distance
		Rated current (Ex e II) 24 A

Connection data		
Total number of connection points	4	Connection 1
Total number of potentials	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 ... 14 AWG
Stranded conductor	0.75 ... 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	light gray
Cover color	light gray
Flammability class per UL94	V2
Fire load	0.053 MJ
Weight	2.4 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) Stück
Packaging type	Box
Country of origin VKOrg Germany	CN
GTIN	4055143026512
Customs tariff number VKOrg Germany	85369010000

Approvals and certificates	
Ex-Approvals	UL-Approvals
	
ATEX UL International Demko A/ S	UL UL International Germany GmbH
EN 60079	UL 486C
DEMKO 03 ATEX 131845U (II 2 G Ex eII C Gb)	E69654
EAC Brjansker Zertifizierungs- stelle	
TP TC 012/2011	
RU C-DE.AM02. B.00127/19 (Ex e IIC Gb U)	