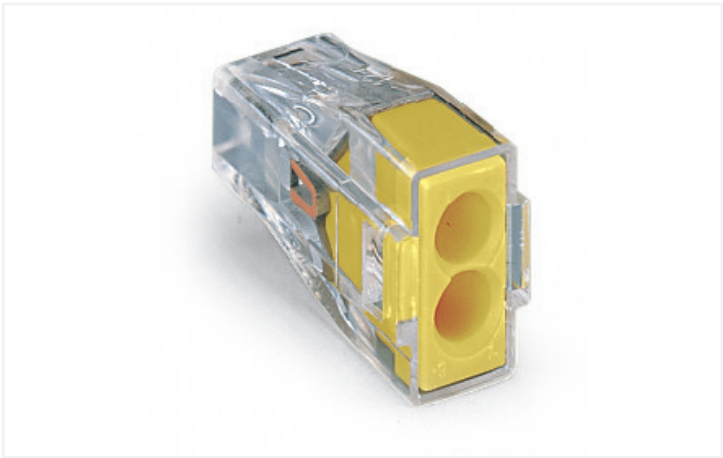
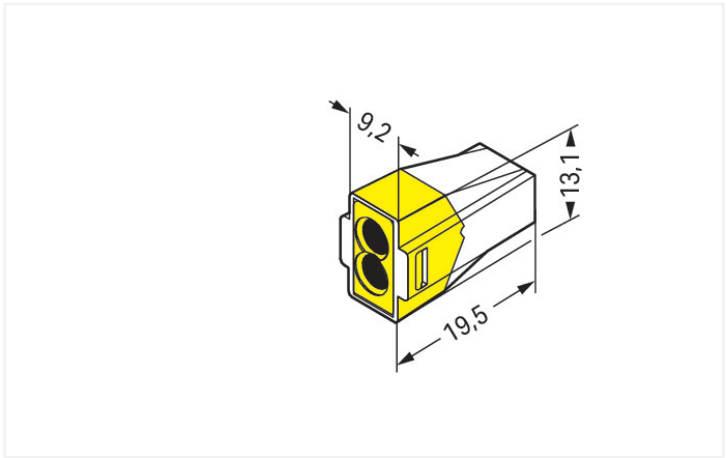


Data Sheet | Item Number: 773-102

Conector PUSH WIRE® pentru cutii de conexiuni; pentru conductori masivi, monofilari; max. 2,5 mm²; 2 conductori; carcasă transparentă; capac galben; Temperatură aer ambiant: max 60°C; 2,50 mm²; transparent



Color: ☐ transparent



Dimensions in mm

Notes

Safety management note

NOTICE: Observe installation and safety instructions!

- Only to be used by electricians!
- Do not work under voltage/load!
- Use only for proper use!
- Observe national regulations/standards/guidelines!
- Observe technical specifications for the products!
- Observe the number of permissible potentials!
- Do not use damaged/dirty components!
- Observe conductor types, cross-sections and strip lengths!
- Insert conductor until it hits the product's backstop!
- Use original accessories!

To be sold only with installation instructions!

in grounded power lines

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 1	
Clamping units	2	Connection technology	PUSH WIRE®
Total number of potentials	1	Actuation type	Push-in
		Connectable conductor materials	Copper Aluminum



Connection 1

Connectable conductor materials (note)	Terminating Aluminum Conductors (Not for use in North America) 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 inci
Wiring direction	Side-entry wiring

Physical data	
Width	9,2 mm / 0.362 inci
Height	13,1 mm / 0.516 inci
Depth	19,5 mm / 0.768 inci

Material data	
Note (material data)	Information on material specifications can be found here
Color	transparent
Cover color	yellow
Material group	IIIa
Insulation material (main housing)	Polycarbonate (PC)
Flammability class per UL94	V2
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Tin
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) Buc.
Packaging type	Box
Country of origin	CN
GTIN	4044918397537
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption