Data sheet | Item number: 243-304

MICRO PUSH WIRE® connector for junction boxes; for solid conductors; 0.8 mm Ø; 4-conductor; light gray housing; light gray cover; Surrounding air temperature: max 60°C; light gray

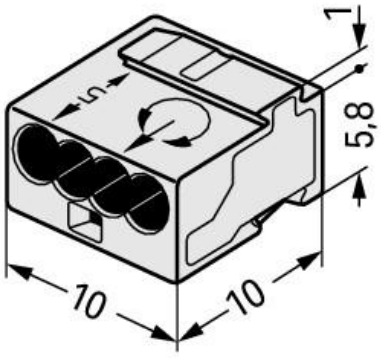
www.wago.com/243-304



RoHS ✓ Compliant

BOMcheck.net

Color:



Item description

Safety information 1:
When using conductors of the same diameter, Ø 0.5 mm/24 AWG or Ø 1 mm/18 AWG are also possible.

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	EN 60664
Nominal voltage (II/2)	100 V
Rated surge voltage (II/2)	1.5 kV
Rated current	6 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Connection data

Connection technology	PUSH WIRE®

Subject to changes. Please also observe the further product documentation!

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32423 Minden
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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

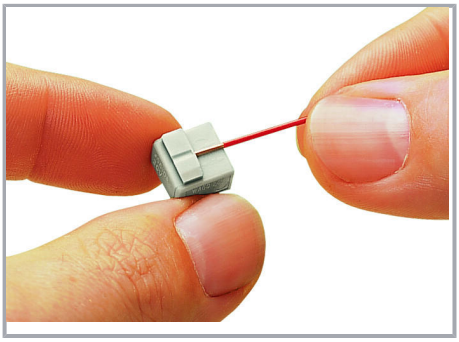
Actuation type	Push-in
Connectable conductor materials	Copper
Conductor diameter	0.6 … 0.8 mm
Strip length	5 … 6 mm / 0.2 … 0.24 inch
Total number of connection points	4
Total number of potentials	1
Number of connection types	1
Number of levels	1
Wiring type	Side-entry wiring

Physical data

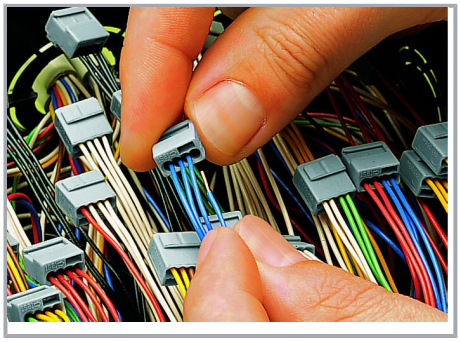
Width	10 mm / 0.394 inch
Height	6.8 mm / 0.268 inch
Depth	10 mm / 0.394 inch

Installation Notes

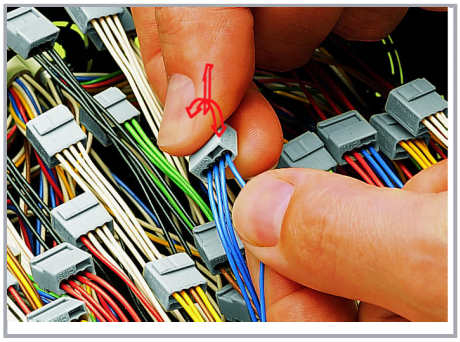
Conductor termination



Strip solid conductors to 5 … 6 mm (0.2 … 0.24 inch).



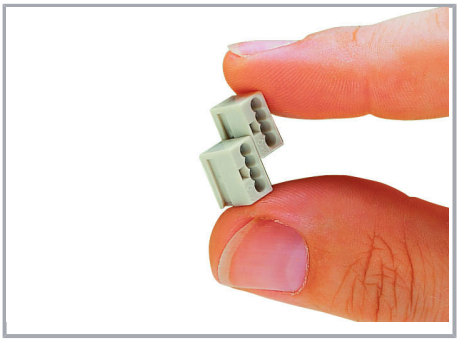
Termination: Insert stripped solid conductor until it hits backstop.



Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.

Installation

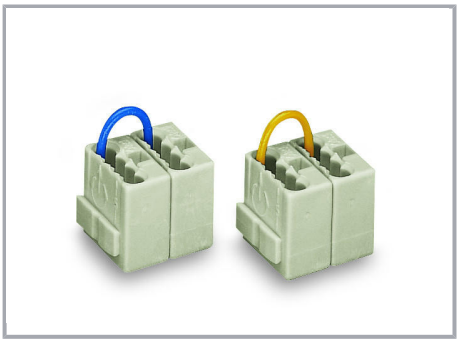
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Connector strips:

Assembling modular connectors into connector strips.

Commoning



Commoned connector strips

Testing

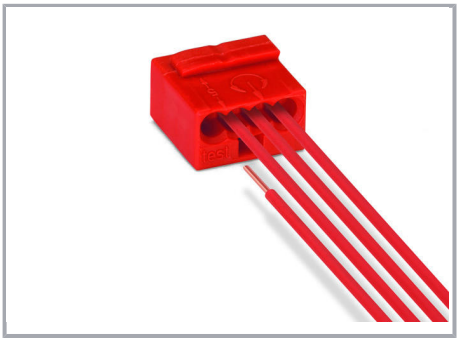


Testing via test ports opposite to conductor entry.

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WAGO's 243 Series MICRO PUSH WIRE® Connectors for junction boxes can be used in both communication and alarm systems according to the VdS (German Association of Property Insurers) guidelines.

No general approval is given to PUSH WIRE® connectors by the VdS association. The connectors must be tested together with the different parts of the system.

The requirements for connectors are specified in the VdS guidelines for junction boxes (VdS 2116) in section 8.7: "The junction box connectors must be designed to guarantee a reliable and stable connection."

The verification of the fulfillment of these requirements is documented in the VDE test report No. 2574-1440-4031 for the insulated 243 Series PUSH WIRE® Connectors for junction boxes.

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