

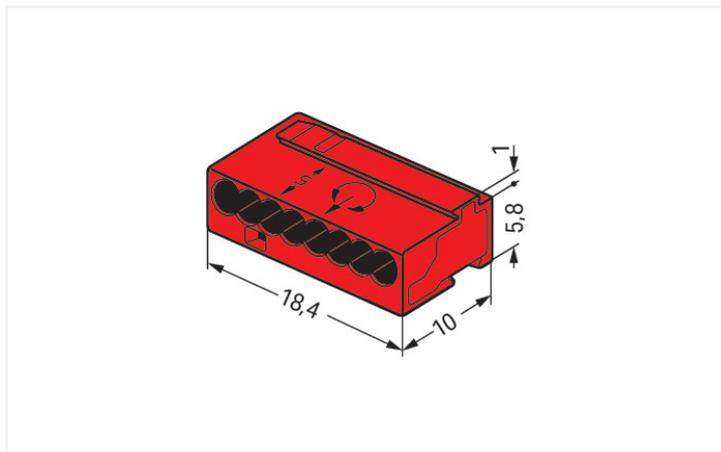
## Data Sheet | Item Number: 243-808

MICRO PUSH WIRE® connector for junction boxes; for solid conductors; max. 0.8 mm Ø; 8-conductor; light gray cover; Surrounding air temperature: max 60°C; red

<https://www.wago.com/243-808>



Color: ■ red



Dimensions in mm

Push wire® splicing connector, 243 Series, red

Push wire® splicing connector (item number 243-808) is designed for fault-free electrical installations. WAGO's 243 Series MICRO PUSH WIRE® connectors for junction boxes are suitable for low-voltage building installations. Whether for bell or intercom system wiring, our MICRO junction box connectors are just right thanks to their compact design—perfect for these types of installations. Strip lengths must be between 5 and 6 mm when connecting conductors to push wire® splicing connector. This splicing connector has a rated voltage of 100 V and can handle currents up to 6 A. This product features one conductor terminal and utilizes PUSH WIRE®. Our tried-and-tested PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. The dimensions are (18.4 x 6.8 x 10) mm (width x height x depth).

### Notes

General safety information

**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!**

### Electrical data

Ratings per	EN 60664		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	100 V
Rated impulse withstand voltage	-	-	1.5 kV
Rated current	-	-	6 A

### General information

Wiring direction Side-entry wiring

### Connection data

Clamping units	8	<b>Connection 1</b>	
Total number of potentials	1	Connection technology	PUSH WIRE®
Number of connection types	1	Actuation type	Push-in
Number of levels	1	Connectable conductor materials	Copper
		Solid conductor	22 ... 20 AWG
		Conductor diameter	0.6 ... 0.8 mm / 22 ... 20 AWG
		Conductor diameter (note)	When using conductors of the same diameter, 0.5 mm (24 AWG) or 1 mm (18 AWG) diameters are also possible.
		Strip length	5 ... 6 mm / 0.2 ... 0.24 inches
		Wiring direction	Side-entry wiring

### Physical data

Width	18.4 mm / 0.724 inches
Height	6.8 mm / 0.268 inches
Depth	10 mm / 0.394 inches

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	red
Cover color	light gray
Fire load	0.019 MJ
Weight	1.4 g

### Environmental requirements

Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °C

### Commercial data

PU (SPU)	500 (50) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918502795
Customs tariff number	85369010000

### Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 9.0	EC000446
ETIM 10.0	EC000446
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

### Approvals / Certificates

#### Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

### Downloads

#### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 243-808	<a href="#">↓</a>

### Documentation

Bid Text			
243-808	19.02.2019	xml 3.26 KB	<a href="#">↓</a>
243-808	17.05.2017	doc 25.00 KB	<a href="#">↓</a>
ausschreiben.de 243-808			<a href="#">↓</a>

### CAD/CAE-Data

CAD data	
2D/3D Models 243-808	<a href="#">↓</a>

CAE data	
EPLAN Data Portal 243-808	<a href="#">↓</a>
WSCAD Universe 243-808	<a href="#">↓</a>

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Marking

##### 1.1.1.1 Marking strip



**Item No.: 210-332/575-103**

Marking strips; as a DIN A4 sheet; MARKED; 1-12 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

#### 1.1.2 Mounting adapter

##### 1.1.2.1 Mounting accessories



**Item No.: 243-112**

Mounting carrier; for 4 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

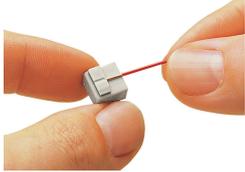


**Item No.: 243-113**

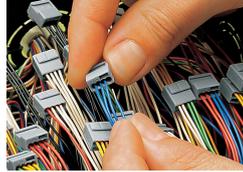
Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

## Installation Notes

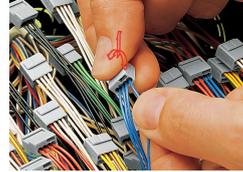
### Conductor termination



Strip solid conductors to 5 ... 6 mm (0.19 ... 0.23 inch).



Termination: Insert the stripped solid conductor until it hits the backstop.



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

## Installation



**Connector strips:**

Assembling modular connectors into connector strips.

## Commoning



Commoned connector strips

## Testing



Testing via test port opposite to conductor entry.



**The 243 Series 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.