

## Data Sheet | Item Number: 243-9294/995-020

MICRO PUSH WIRE® connector for junction boxes; for solid conductors; max. 0.8 mm Ø; 4-conductor; light gray cover; Surrounding air temperature: max 60°C; 0,80 mm²; dark gray

<https://www.wago.com/243-9294/995-020>



Color: ■ dark gray

### Blister contains items:

- 243-204
- 243-304
- 243-504
- 243-804

### This item includes:



Item No.: 243-204

5

PUSH WIRE® splicing connector; for solid conductors; max. 0.8 mm Ø; 4-conductor; dark gray housing; light gray cover; Surrounding air temperature: max 60°C; 0,80 mm²; dark gray

Item No.: 243-304

5

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

Item No.: 243-504

5

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

Item No.: 243-804

5

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

### Notes

Sicherheitshandhabungshinweis

**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 surge voltage	-	-	1.5 kV
Rated current	-	-	6 A

## Connection data

Connection points	4
Total number of potentials	1
Number of connection types	1
Number of levels	1

### Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
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	10 mm / 0.394 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	dark gray
Fire load	0.012 MJ
Weight	0.8 g

## Environmental requirements

Ambient temperature (operation)	+60 °C
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## Commercial data

PU (SPU)	360 (20) pcs
Country of origin	DE
GTIN	4066966002003
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

## Downloads

### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 243-9294/995-020	↓

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Mounting adapter

##### 1.1.1.1 Mounting accessories



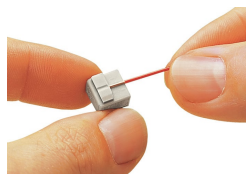
**Item No.: 243-112**  
 Mounting carrier; for 4 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange



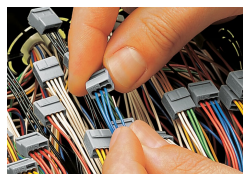
**Item No.: 243-113**  
 Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

## Installation Notes

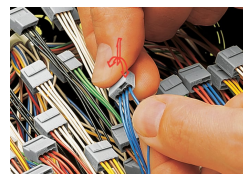
### Conductor termination



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

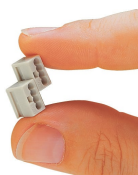


Termination: Insert the stripped solid conductor until it hits the backstop.



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

## Installation



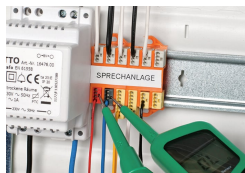
**Connector strips:**  
 Assembling modular connectors into connector strips.

## 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.