

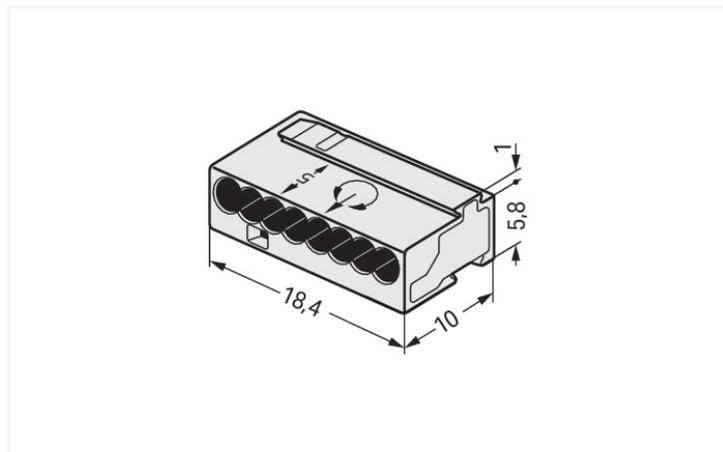
## Data Sheet | Item Number: 243-308

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

<https://www.wago.com/243-308>



Color: ■ light gray



Dimensions in mm

Push wire® splicing connector, 243 Series, PUSH WIRE®

Push wire® splicing connector (item number 243-308) provides seamless electrical installations. Our 243 Series provides MICRO PUSH WIRE® connectors for junction boxes that are ideal for low-voltage installations in buildings. Regardless of whether you're wiring doorbells or intercom systems, our MICRO PUSH WIRE® connectors for junction boxes are the perfect size for these types of installations. Ensure that the strip lengths are between 5 and 6 mm when connecting conductors to push wire® splicing connector. Rated current and voltage are key factors to consider when choosing a splicing connector, as they determine the product's suitability for different applications. This product has a rated voltage of 100 V and a rated current of 6 A. Featuring one conductor terminal along with PUSH WIRE®, this product outperforms the competition. Our PUSH WIRE® connection is the quick and easy method for connecting solid conductors. Dimensions: (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		
Overtoltage 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	light gray
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	4044918502689
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
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**Approvals / Certificates**

**General approvals**



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60998	NTR NL 7812
CSA DEKRA Certification B.V.	C22.2	70048857
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-112493
UR Underwriters Laboratories Inc.	UL 1059	E45172

**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	-	-

**Approvals for marine applications**



Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	23-2417173-PDA
LR Lloyds Register	EN 60998	LR22207029TA

**Downloads**

**Environmental Product Compliance**

Compliance Search	
Environmental Product Compliance 243-308	↓

**Documentation**

Bid Text			
243-308	19.02.2019	xml 3.27 KB	↓
243-308	17.05.2017	doc 25.00 KB	↓
ausschreiben.de 243-308			↓

## CAD/CAE-Data

### CAD data

2D/3D Models 243-308



### CAE data

EPLAN Data Portal  
243-308



WSCAD Universe  
243-308



## 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

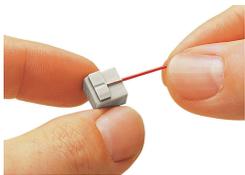


**Item No.: 243-113**

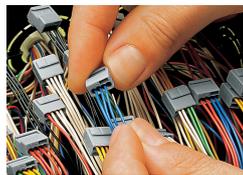
Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

## Installation Notes

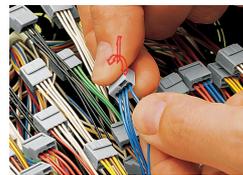
### Conductor termination



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.