

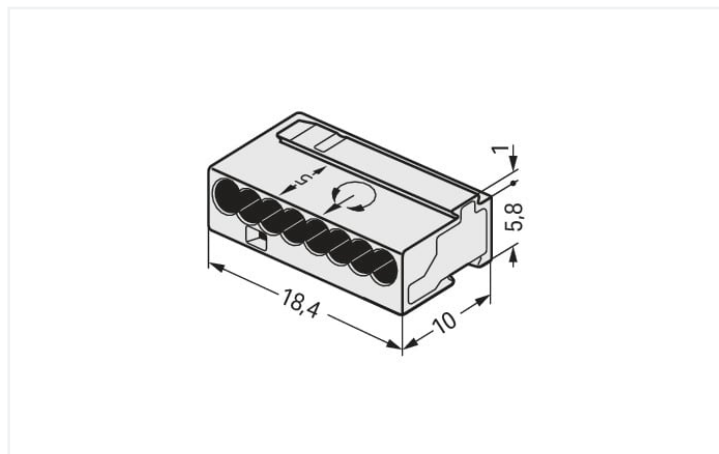
## Data Sheet | Item Number: 243-308

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

### 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	8
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	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="https://www.wago.com/us/material-specifications">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

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)	500 (50) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918502689
Customs tariff number	85369010000

### 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	-	18-HG1755093-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

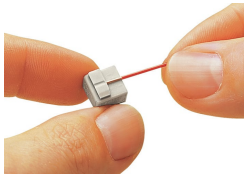


#### Item No.: 243-113

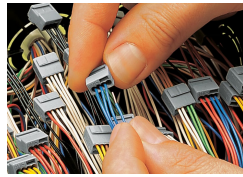
Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

## Installation Notes

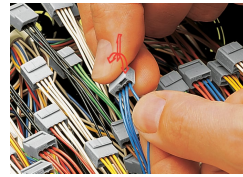
### Conductor termination



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



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



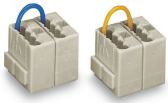
Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.

## Installation



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

## Commoning



Commoned connector strips

## Testing



Testing via test port opposite to conductor entry.



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

Current addresses can be found at: [www.wago.com](http://www.wago.com)