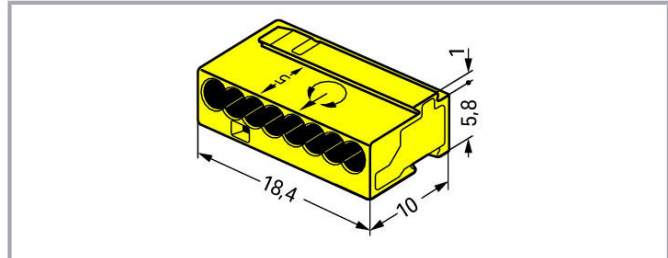


## Data sheet | Item number: 243-508

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



[www.wago.com/243-508](http://www.wago.com/243-508)



### 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

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

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

WAGO Kontakttechnik GmbH & Co. KG  
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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.



	PUSH WIRE®
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	8
Total number of potentials	1
Number of connection types	1
Number of levels	1
Wiring type	Side-entry wiring

### Physical data

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

### Material data

Color	yellow
Fire load	0.019 MJ
Weight	1.4 g

### Environmental requirements

Surrounding air temperature (operation)	60 °C
Continuous operating temperature	105 °C

### Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4044918502726
Customs tariff number	85369010000

### Approvals / Certificates

#### Country specific Approvals



Logo	Approval	Additional Approval Text	Certificate name
	CSA	C22.2	70048857

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




DEKRA Certification B.V.

## Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>ABS</b> American Bureau of Shipping	-	18- HG1755093- PDA
	<b>LR</b> Lloyds Register	EN 60998	04/20013 (E8)

## UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>UR</b> Underwriters Laboratories Inc.	UL 1059	E45172

## Compatible products



## Marking accessories

**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

[www.wago.com/210-332/575-103](http://www.wago.com/210-332/575-103)

## Mounting adapter

	<b>Item no.: 243-112</b> Mounting carrier; for 4 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange	<a href="http://www.wago.com/243-112">www.wago.com/243-112</a>
	<b>Item no.: 243-113</b> Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange	<a href="http://www.wago.com/243-113">www.wago.com/243-113</a>

## Downloads

## Documentation

## Bid Text

243-508	2019 Feb 19	xml	Download
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Subject to changes. Please also observe the further product documentation!

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X81 - Datei			3.3 kB	
243-508 doc - Datei	2017 May 17	doc	25.6 kB	Download
<b>Additional Information</b> Technical explanations	2019 Apr 3	pdf	2.2 MB	Download

## CAD/CAE-Data

### CAE data

EPLAN Data Portal 243-508		URL		Download
WSCAD Universe 243-508		URL		Download

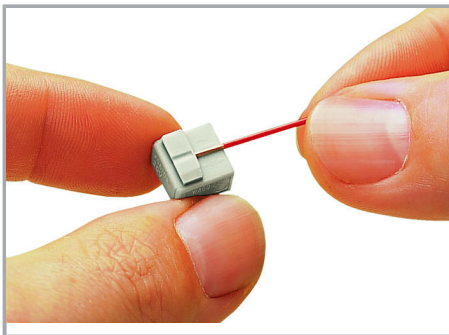
## Environmental Product Compliance

### Compliance Search

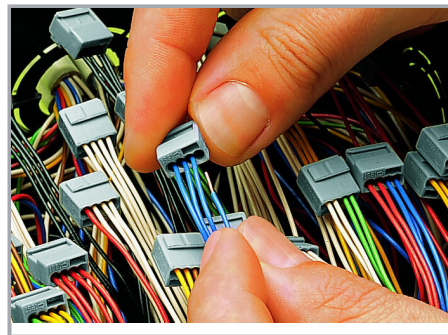
Environmental Product Compliance 243-508		URL		Download
MICRO PUSH WIRE® connector for junction boxes; for solid conductors; 0.8 mm Ø; 8-conductor; light gray cover; Surrounding air temperature: max 60°C; yellow				

## Installation Notes

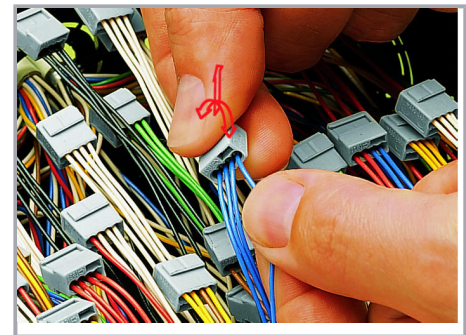
### Conductor termination



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



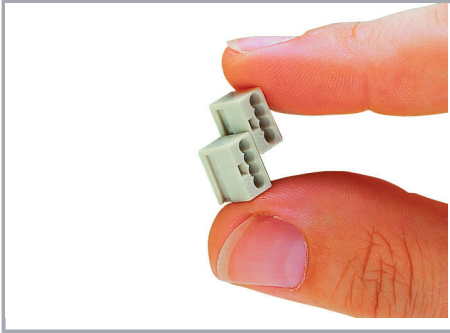
Termination: Insert the stripped solid conductor until it hits the backstop.



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

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

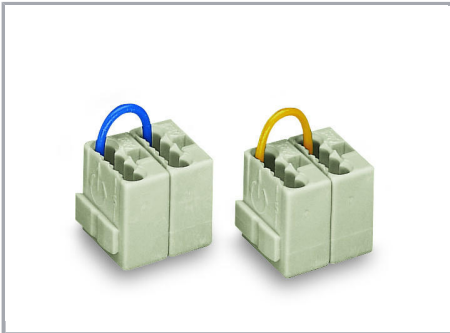
### Installation



### Connector strips:

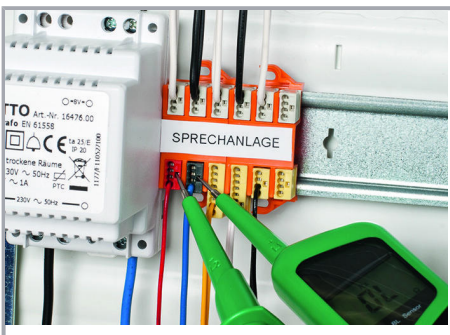
Assembling modular connectors into connector strips.

### Commoning



Commoned connector strips

### Testing



Testing via test port opposite to conductor entry.

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



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.

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