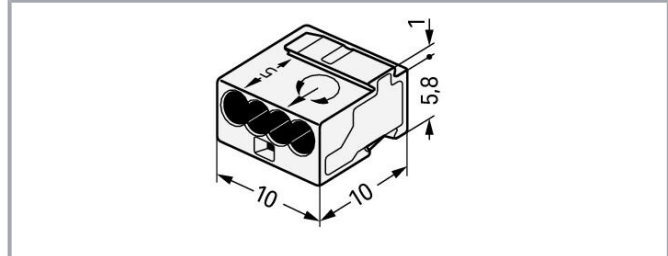
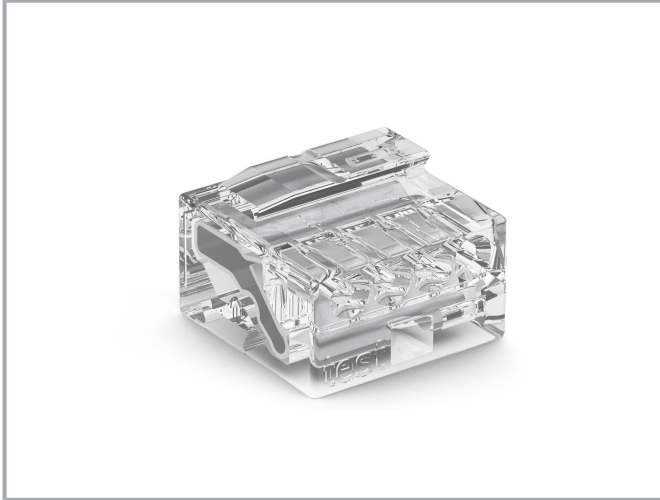


## Data sheet | Item number: 243-144

MICRO PUSH WIRE® connector for junction boxes; for solid conductors; max. 0.5 mm Ø; 4-conductor; transparent housing; light gray cover; Surrounding air temperature: max 60°C; transparent



[www.wago.com/243-144](http://www.wago.com/243-144)



### 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) Δ Overvoltage category II / Pollution degree 2

#### Connection data

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

#### Connection 1

Connection technology	PUSH WIRE®
-----------------------	------------

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

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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.



Actuation type	Push-in
Connectable conductor materials	Copper
Solid conductor	26 ... 24 AWG
Conductor diameter	0.4 ... 0.5 mm / 26 ... 24 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inch
Wiring direction	Side-entry wiring

### Physical data

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

### Material data

Note on material data	<a href="#">Information on material data can be found here</a>
Color	transparent
Cover color	light gray
Fire load	0.013 MJ
Weight	0.8 g

### Environmental requirements

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

### Commercial data

PU (SPU)	1000 (100) Stück
Packaging type	box
Country of origin	DE
GTIN	4044918937788
Customs tariff number	85369010000

### Approvals / Certificates


#### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CSA</b> DEKRA Certification B.V.	C22.2	70048857

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### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	LR Lloyds Register	EN 60998	04/20013 (E8)

### Optional accessories

#### Mounting adapter

##### Mounting accessories

<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

243-144 X81 - Datei	19-Feb-2019	xml 3.2 kB	Download
243-144 doc - Datei	17-May-2017	doc 25.6 kB	Download
ausschreiben.de 243-144		URL	Download
<b>Additional Information</b> Technical explanations		pdf 2.2 MB	Download

### CAD/CAE-Data

#### CAD data

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2D/3D Models 243-144

[URL](#)

[Download](#)

#### CAE data

EPLAN Data Portal 243-144

[URL](#)

[Download](#)

WSCAD Universe 243-144

[URL](#)

[Download](#)

ZUKEN Portal 243-144

[URL](#)

[Download](#)

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 243-144

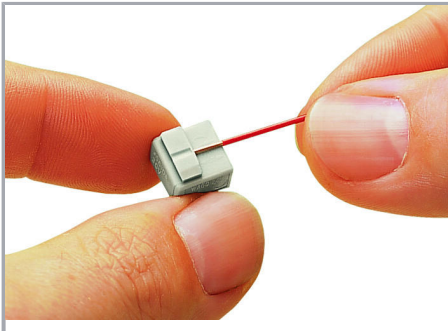
[URL](#)

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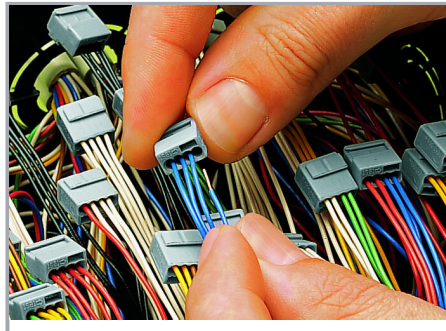
MICRO PUSH WIRE® connector for junction boxes; for solid conductors; max. 0.5 mm Ø; 4-conductor; transparent housing; light gray cover; Surrounding air temperature: max 60°C; transparent

## Installation Notes

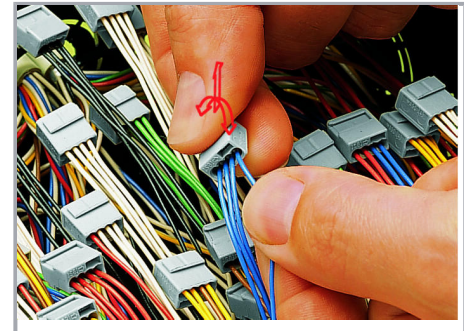
### Conductor termination



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



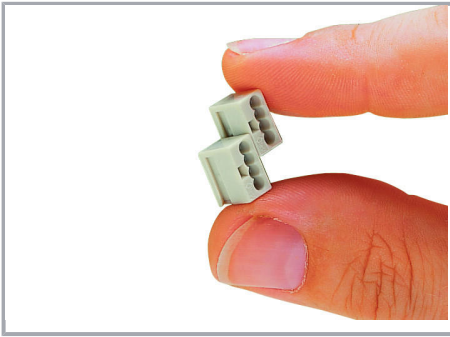
Termination: Insert the stripped solid conductor until it hits the backstop.



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

### Installation

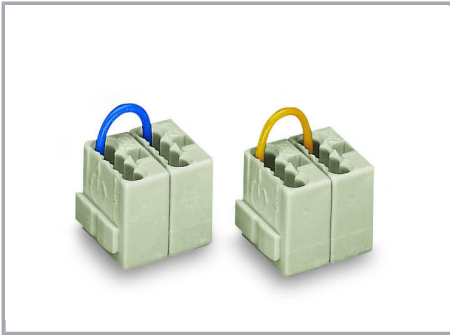
Subject to changes. Please also observe the further product documentation!



### Connector strips:

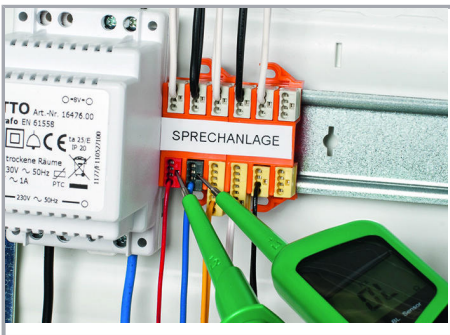
Assembling modular connectors into connector strips.

### Commoning



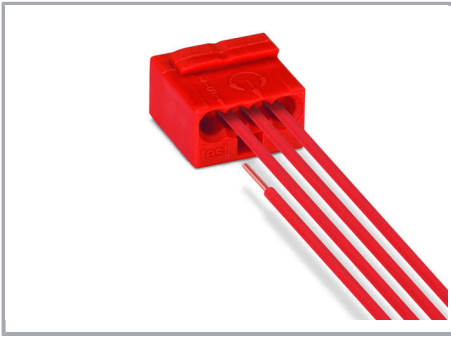
Commoned connector strips

### Testing



Testing via test port opposite to conductor entry.

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



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