

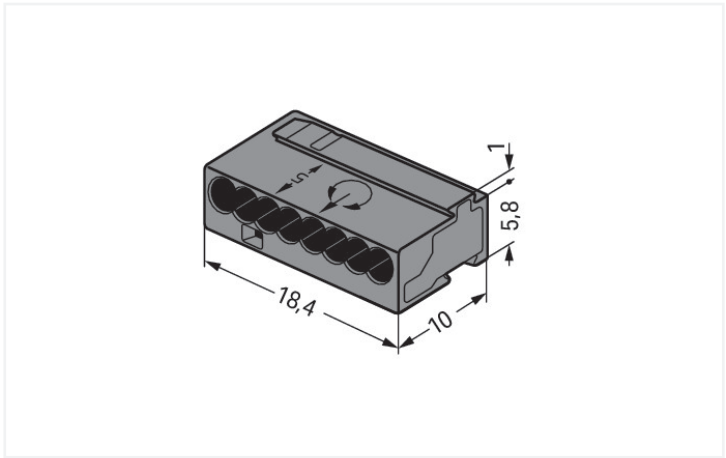
Data Sheet | Item Number: 243-208

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

<https://www.wago.com/243-208>



Color: ■ dark gray



Dimensions in mm

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

Our push wire® splicing connector (item number 243-208) is designed for seamless electrical installations. Our 243 Series MICRO PUSH WIRE® connectors for junction boxes are ideal for low-voltage installations in buildings. Whether you're wiring doorbell or intercom systems, our MICRO junction box connectors impress with their compact and space-saving design. Our splicing connector is rated for 100 V and is designed to handle a rated current of up to 6 A. Ensure that the strip lengths are between 5 mm and 6 mm when connecting conductors to push wire® splicing connector. Featuring one conductor terminal along with PUSH WIRE®, this connector is highly versatile. Our trusted PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. Dimensions: 18.4 x 6.8 x 10 mm (width x height x depth).

Notes

General safety instructions

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			
Clamping units	8	Connection 1	
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)	Information on material specifications can be found here
Color	dark 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	4044918502634
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 8.0	EC000446
ECCN	NO US CLASSIFICATION





Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption


Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
   					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60998	NTR NL 7812	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CSA DEKRA Certification B.V.	C22.2	70048857	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-112493			
UR Underwriters Laboratories Inc.	UL 1059	E45172			




Approvals for marine applications

 		
Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	18-HG1755093-PDA
LR Lloyds Register	EN 60998	LR22207029TA

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 243-208	

Documentation

Bid Text			
243-208	19.02.2019	xml 3.27 KB	
243-208	17.05.2017	doc 25.00 KB	
ausschreiben.de 243-208			

CAD/CAE-Data	
<div>CAD data</div> <div>2D/3D Models 243-208</div> <div>↓</div>	<div>CAE data</div> <div>EPLAN Data Portal 243-208</div> <div>↓</div>
	<div>WSCAD Universe 243-208</div> <div>↓</div>

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

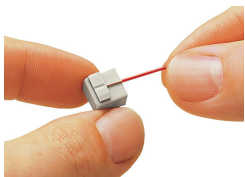


Item No.: 243-112
Mounting carrier; for 4 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

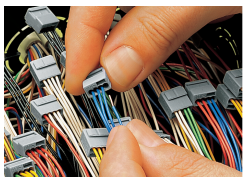


Item No.: 243-113
Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

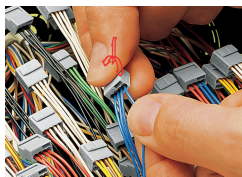
Installation Notes
Conductor termination



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



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



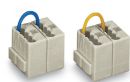
Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.

Installation



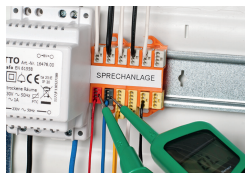
Connector strips:
Assembling modular connectors into connector strips.

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.