

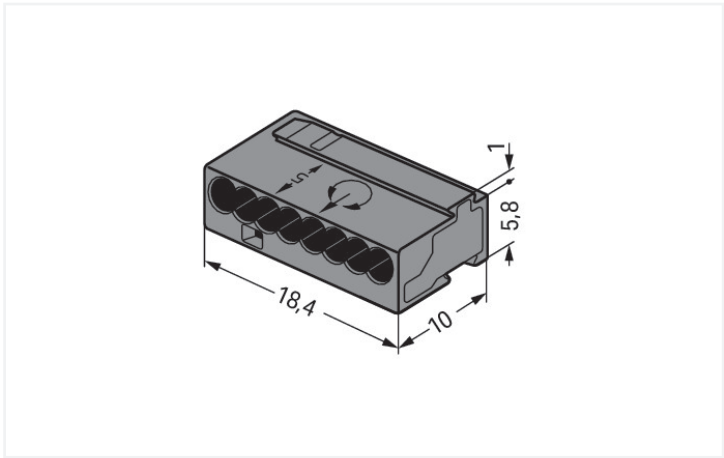
Data Sheet | Item Number: 243-208

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 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. Strip lengths must be between 5 and 6 mm when connecting conductors to push wire® splicing connector. This splicing connector has a rated voltage of 100 V and can handle currents up to 6 A. This product incorporates one conductor terminal and utilizes PUSH WIRE®. Our PUSH WIRE® connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing faster and easier conductor clamping. 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					General information	
Ratings per		EN 60664			Wiring direction	
Overvoltage category	III	III	II		Side-entry wiring	
Pollution degree	3	2	2			
Nominal voltage	-	-	100 V			
Rated impulse withstand voltage	-	-	1.5 kV			
Rated current	-	-	6 A			



Connection data		
Clamping units	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)	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 10.0	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	-	23-2417173-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	
CAD data	CAE data
2D/3D Models 243-208	EPLAN Data Portal 243-208
	
	WSCAD Universe 243-208
	

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

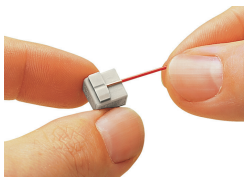


Item No.: 243-112
Mounting carrier; for 4 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

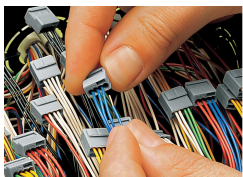


Item No.: 243-113
Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

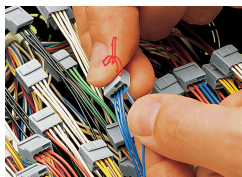
Installation Notes
Conductor termination



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



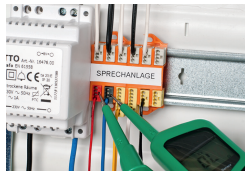
Connector strips:
Assembling modular connectors into connector strips.

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.