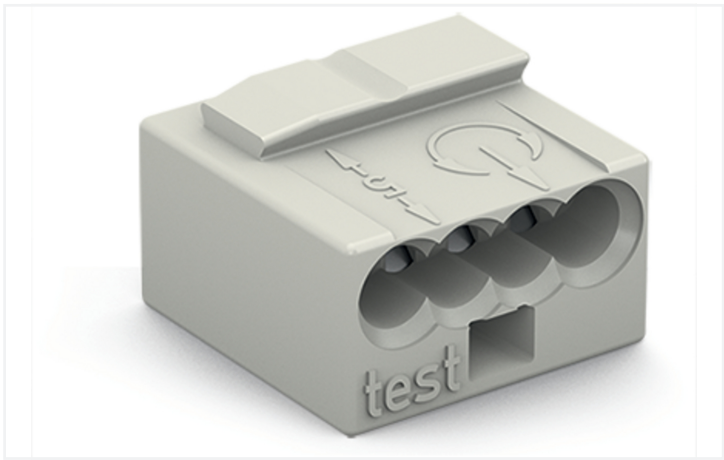


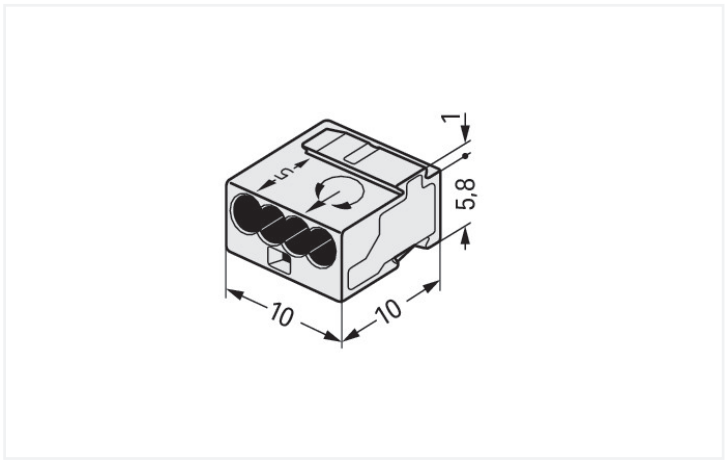
Data Sheet | Item Number: 243-304

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

<https://www.wago.com/243-304>



Color: ■ light gray



Dimensions in mm

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

Enjoy error-free electrical installations with push wire® splicing connector (item number 243-304). WAGO's 243 Series MICRO PUSH WIRE® connectors for junction boxes are perfect for low-voltage installations in buildings. Whether for bell or intercom system wiring, our MICRO junction box connectors are just right thanks to their compact design—perfect for these types of installations. Ensure that the strip lengths are between 5 and 6 mm when connecting conductors to push wire® splicing connector. Our splicing connector is rated for 100 V and is designed to handle a rated current of up to 6 A. This product features one conductor terminal and utilizes PUSH WIRE®. 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. The item's dimensions are (10 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				
Overvoltage category	III	III	II		Wiring direction	Side-entry wiring
Pollution degree	3	2	2			
Nominal voltage	-	-	100 V			
Rated impulse withstand voltage	-	-	1.5 kV			
Rated current	-	-	6 A			

Physical data	
Width	10 mm / 0.394 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	light gray
Cover color	light gray
Fire load	0.011 MJ
Weight	0.8 g

Environmental requirements	
Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °C

Commercial data	
PU (SPU)	1000 (100) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918440691
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									
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									
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-
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	-	23-2417173-PDA
LR Lloyds Register	EN 60998	LR22207029TA

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 243-304	

Documentation

Bid Text			
243-304	19.02.2019	xml 3.27 KB	
243-304	17.05.2017	doc 25.00 KB	
ausschreiben.de 243-304			



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 243-304	EPLAN Data Portal 243-304
	WSCAD Universe 243-304
	ZUKEN Portal 243-304

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

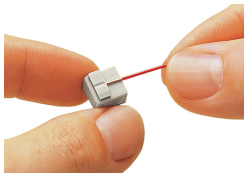


Item No.: 243-112
Mounting carrier; for 4 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

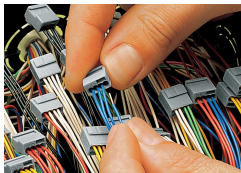


Item No.: 243-113
Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

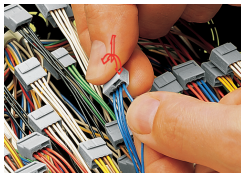
Installation Notes
Conductor termination



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:

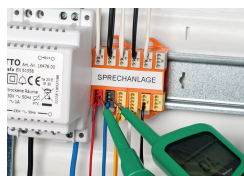
Assembling modular connectors into connector strips.

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.