

Data Sheet | Item Number: 243-808

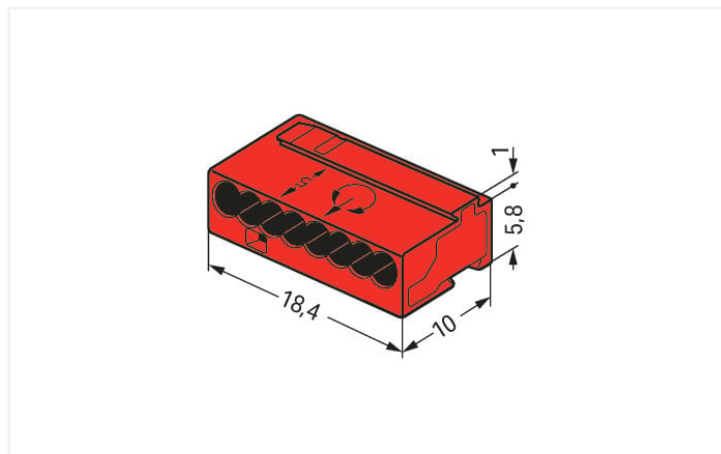
MICRO PUSH WIRE® connector for junction boxes; for solid conductors; 0.8 mm Ø;
8-conductor; light gray cover; Surrounding air temperature: max 60°C; red



<https://www.wago.com/243-808>



Color: ■ red



Dimensions in mm

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) \triangleq Overvoltage category II / Pollution degree 2

Connection data

Connection points	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.
Wiring direction	Side-entry wiring

Material Data

Note (material data)

[Information on material specifications can be found here](#)

Color	red
Cover color	light gray
Fire load	0.019 MJ
Weight	1.4 g

Commercial data

eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	500 (50) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918502795
Customs tariff number	85369010000

Approvals / Certificates

General approvals



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

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 243-808



Documentation

Bid Text

243-808	19.02.2019	xml 3.26 KB	
243-808	17.05.2017	doc 25.00 KB	
ausschreiben.de 243-808			

CAD/CAE-Data

CAD data	
2D/3D Models 243-808	↓

CAE data	
EPLAN Data Portal 243-808	↓
WSCAD Universe 243-808	↓

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



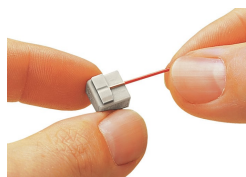
Item No.: 243-112
 Mounting carrier; for 4 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange



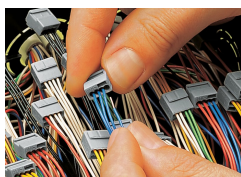
Item No.: 243-113
 Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

Installation Notes

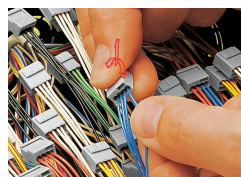
Conductor termination



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



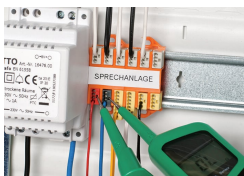
Connector strips:
Assembling modular connectors into
connector strips.

Commoning



Commoned connector strips

Testing



Testing via test port opposite to conduc-
tor 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.