

Data Sheet | Item Number: 243-808

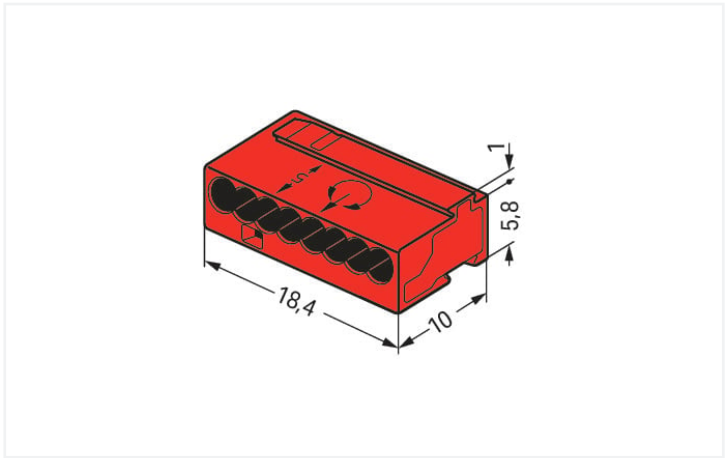
MICRO PUSH WIRE® connector for junction boxes; for solid conductors; 0.8 mm Ø;  
8-conductor; light gray cover; Surrounding air temperature: max 60°C; red



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



Color: ■ red



Dimensions in mm

Electrical data

| Ratings per          | 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

|                            |   |
|----------------------------|---|
| 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. |
| 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) | <a href="https://www.wago.com/us/material-specifications" href="_blank">Information on material specifications can be found here</a> |
| Color                | red                                                                                                                                  |
| 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       |               |
|-----------------------|---------------|
| 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   |

| 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<br>DEKRA Certification B.V.         | EN 60998 | NTR NL 7812      | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| CSA<br>DEKRA Certification B.V.         | C22.2    | 70048857         | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| KEMA/KEUR<br>DEKRA Certification B.V.   | EN 60998 | 71-112493        |                                                            |          |                  |
| UR<br>Underwriters Laboratories<br>Inc. | UL 1059  | E45172           |                                                            |          |                  |

Approvals for marine applications

| Approval                                | Standard | Certificate Name |
|-----------------------------------------|----------|------------------|
| ABS<br>American Bureau of Ship-<br>ping | -        | 18-HG1755093-PDA |
| LR<br>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<br>3.26 KB  |  |
| 243-808                    | 17.05.2017 | doc<br>25.00 KB |  |
| ausschreiben.de<br>243-808 |            |                 |  |

CAD/CAE-Data

|                      |  |  |  |
|----------------------|--|--|--|
| CAD data             |  |  |  |
| 2D/3D Models 243-808 |  |  |  |

|                              |  |
|------------------------------|--|
| CAE data                     |  |
| EPLAN Data Portal<br>243-808 |  |
| WSCAD Universe<br>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; MAR-KED; 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

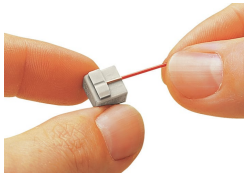


**Item No.: 243-112**  
Mounting carrier; for 4 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

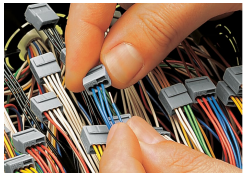
**Item No.: 243-113**  
Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

Installation Notes

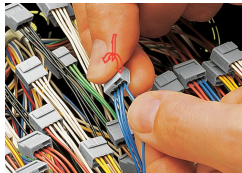
Conductor termination



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.