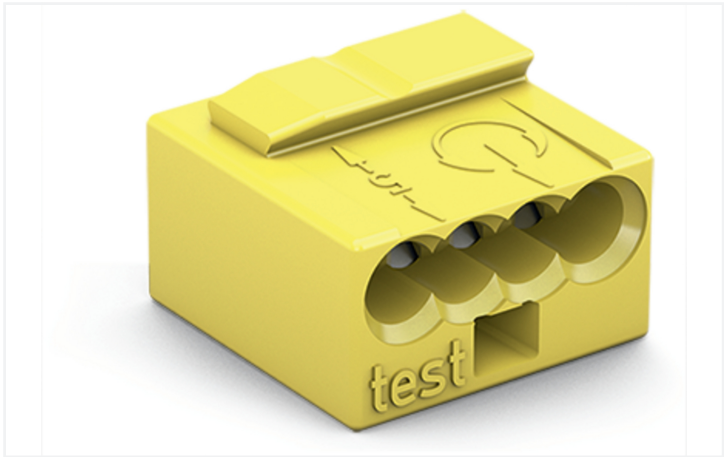
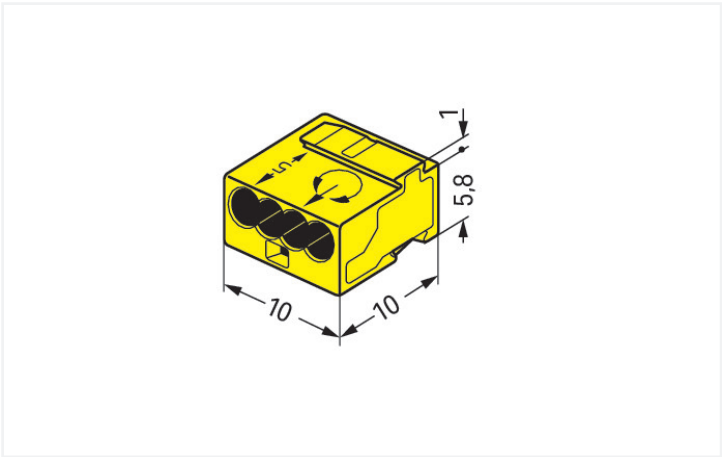


Data Sheet | Item Number: 243-504

MICRO PUSH WIRE® connector for junction boxes; for solid conductors; max. 0.8 mm Ø; 4-conductor; light gray cover; Surrounding air temperature: max 60°C; yellow  
<https://www.wago.com/243-504>



Color: ■ yellow



Dimensions in mm

Push wire® splicing connector, 243 Series, yellow

Push wire® splicing connector (item number 243-504) 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. Conductors can only be connected to push wire® splicing connector if their strip length is between 5 and 6 mm . Our splicing connector is rated for 100 V and is designed for use with a rated current of up to 6 A. This product features 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 you to clamp the conductor in place more quickly and easily. 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                 |     |          |        |  |
|---------------------------------|-----|----------|--------|--|
| Ratings per                     |     | EN 60664 |        |  |
| Overvoltage category            | III | III      | II     |  |
| Pollution degree                | 3   | 2        | 2      |  |
| Nominal voltage                 | -   | -        | 100 V  |  |
| Rated impulse withstand voltage | -   | -        | 1.5 kV |  |
| Rated current                   | -   | -        | 6 A    |  |

| General information |                   |
|---------------------|-------------------|
| Wiring direction    | Side-entry wiring |





| 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                                                                                                                            | -        | 23-2417173-PDA   |
| LR<br>Lloyds Register                                                                                                                                              | EN 60998 | LR22207029TA     |

Downloads

| Environmental Product Compliance            |                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------|
| Compliance Search                           |                                                                                     |
| Environmental Product<br>Compliance 243-504 |  |

Documentation

| Bid Text                   |            |                 |                                                                                     |
|----------------------------|------------|-----------------|-------------------------------------------------------------------------------------|
| 243-504                    | 19.02.2019 | xml<br>3.26 KB  |  |
| 243-504                    | 17.05.2017 | doc<br>25.00 KB |  |
| ausschreiben.de<br>243-504 |            |                 |  |



| CAD/CAE-Data                                                     |                                                                                                                                                                   |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>CAD data</div> <div>2D/3D Models 243-504</div> <div>↓</div> | <div>CAE data</div> <div>EPLAN Data Portal 243-504</div> <div>↓</div> <div>WSCAD Universe 243-504</div> <div>↓</div> <div>ZUKEN Portal 243-504</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 |

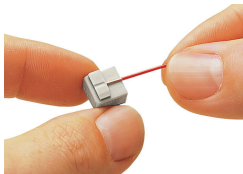


**Item No.: 243-112**  
Mounting carrier; for 4 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

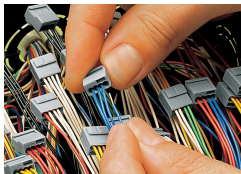


**Item No.: 243-113**  
Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

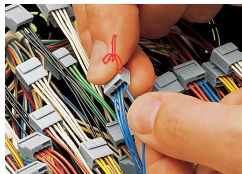
| Installation Notes    |
|-----------------------|
| Conductor termination |



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:

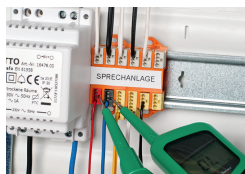
Assembling modular connectors into connector strips.

## 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.