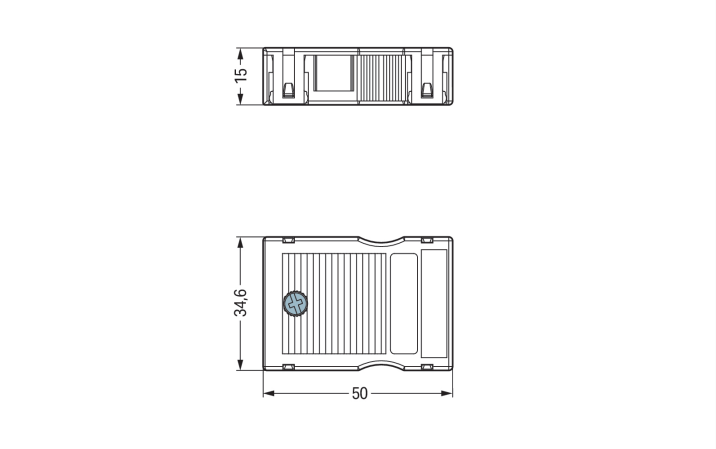
# Data Sheet | Item Number: 770-503

Strain relief housing; 3-pole; for 2 cables; 8.0 … 11.5 mm; 55 mm; black

https://www.wago.com/770-503

Color: ■ black




Dimensions in mm

Strain relief housing *WINSTA*® MIDI 3-pole

The strain relief housing from the *WINSTA*® MIDI product line guarantees you the greatest possible flexibility in electrical installation. With WAGO, you benefit from a large selection of accessories for the WINSTA® product line. Our *WINSTA*® MIDI product line guarantees flexibility for the installation. Through its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees time-saving, error-free installation and offers flexibility and customization for meeting an enormous variety of installation requirements. The strip length is 55 mm.

Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, more reliable, and error-free. Using this pre-assembled system reduces assembly times and errors during installation at the construction site. Choose durability and quality – with protection against mismating from WAGO makes the installation of electrical components substantially easier.

- simple circuits
- fast, secure installation

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## Notes

| | |
|---|---|
| General safety information | **NOTICE: Observe installation and safety instructions!**<br><br>1. Only to be used by a qualified electrician or by a person electrically instructed for the task (EIP per DIN VDE 0105-100).<br>2. Do not install while energized or under load.<br>3. Use only for its intended purpose.<br>4. Observe applicable national regulations, standards and directives.<br>5. Observe the technical specifications of the products.<br>6. Ensure correct polarity assignment.<br>7. Do not use damaged or contaminated components.<br>8. Observe conductor types, conductor cross-sections, strip lengths and cable diameters.<br>9. Insert conductors up to the stop.<br>10. Use only with locking lever and strain relief.<br>11. Use original accessories only.<br>**To be sold only with installation instructions!** |

## Connection Data

### Connection 1

| | |
|---|---|
| Pole number | 3 |
| Connectable sheathed cable diameter | 8 … 11.5 mm |
| Strip length (outer insulation) | 55 mm |

## Physical data

| | |
|---|---|
| Pin spacing | 10 mm / 0.394 inches |
| Width | 34.6 mm / 1.362 inches |
| Height | 15 mm / 0.591 inches |
| Depth | 50 mm / 1.969 inches |

## Mechanical data

| | |
|---|---|
| Screw tightening torque | 0.5 Nm |

## Material data

| | |
|---|---|
| Note (material data) | Information on material specifications can be found here |
| Color | black |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.232 MJ |
| Weight | 9.7 g |

## Environmental requirements

| | |
|---|---|
| Processing temperature | -5 … +40 °C |
| Continuous operating temperature | -35 … +85 °C |
| Note on continuous operating temperature | Insulating parts for temperatures ≤ 105 °C |

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## Commercial data

| | |
|---|---|
| Product Group | 20 (Winsta) |
| PU (SPU) | 50 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4017332753876 |
| Customs tariff number | 39269097900 |

## Product Classification

| | |
|---|---|
| UNSPSC | 39121722 |
| eCl@ss 10.0 | 27-44-06-92 |
| eCl@ss 9.0 | 27-44-06-92 |
| ETIM 9.0 | EC002863 |
| ETIM 10.0 | EC002863 |
| ECCN | NO US CLASSIFICATION |

## Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant,No Exemption |

## Approvals / Certificates

### General approvals

| Approval | Standard | Certificate Name |
|---|---|---|
| cURus<br>Underwriters Laboratories Inc. | UL 1977 | E45171 |
| cURus<br>Underwriters Laboratories Inc. | UL 1059 | E 45172 |

### Approvals for marine applications

| Approval | Standard | Certificate Name |
|---|---|---|
| DNV GL<br>Det Norske Veritas, Germanischer Lloyd | - | TAE00001Z6 |
| LR<br>Lloyds Register | IEC 61984 | LR22429487TA |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 770-503


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## Documentation

| Bid Text | | | |
|---|---|---|---|
| 770-503 | 19.02.2019 | xml<br>2.74 KB | |
| 770-503 | 12.03.2015 | doc<br>23.50 KB | |

## CAD/CAE-Data

| CAD data |
|---|
| 2D/3D Models 770-503 |

| CAE data |
|---|
| EPLAN Data Portal<br>770-503 |
| WSCAD Universe<br>770-503 |
| ZUKEN Portal 770-503 |

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Marking

##### 1.1.1.1 Marking strip



Item No.: 210-333
Marking strips; as a DIN A4 sheet; Strip width 6 mm; Strip length 182 mm; plain; Self-adhesive; white