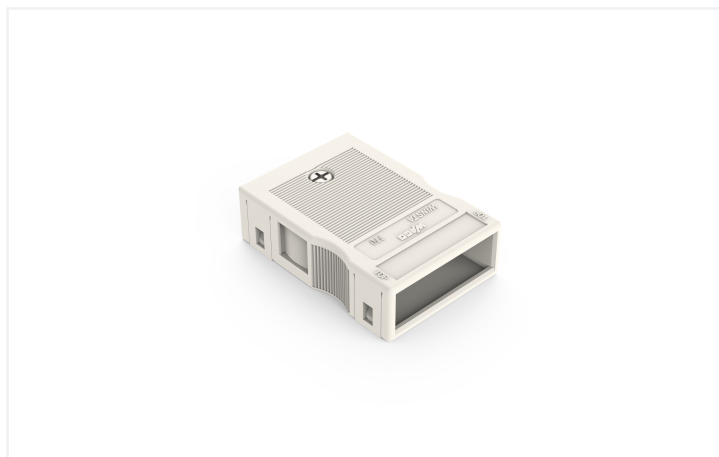
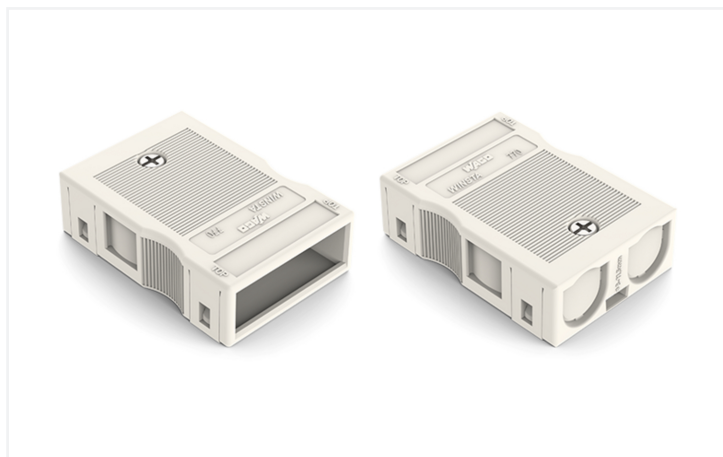


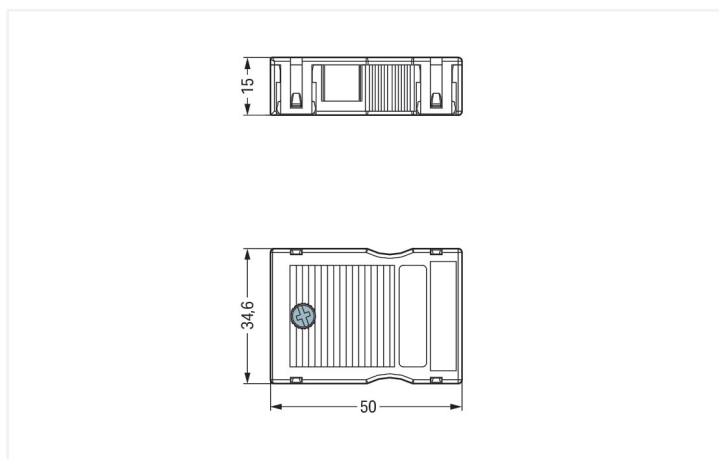
## Data Sheet | Item Number: 770-513

Strain relief housing; 3-pole; for 2 cables; 8.0 ... 11.5 mm; 55 mm; white

<https://www.wago.com/770-513>



Color: ■ white



Dimensions in mm

### Strain relief housing WINSTA® MIDI 3-pole

The strain relief housing from the WINSTA® MIDI product line guarantees you the maximum flexibility in electrical installation. You can rely on the quality of WINSTA® components from WAGO for your electrical installation accessories too. Our WINSTA® MIDI product line offers flexibility for the installation of applications. Through its Push-in CAGE CLAMP® spring pressure connection technology, it guarantees time-saving, error-free installation and offers customization and flexibility 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!

WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Now you can also cut installation costs without compromising quality and safety: with protection against mismating reduces the need for servicing and prevents unnecessary downtime.

- simple circuits
- quick replacement of defective units during ongoing operation



| Notes                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General safety information | <p><b>NOTICE: Observe installation and safety instructions!</b></p> <p>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.</p> <p><b>To be sold only with installation instructions!</b></p> |

| Connection Data                     |               |
|-------------------------------------|---------------|
| <b>Connection 1</b>                 |               |
| 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)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | white                                                                    |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Fire load                          | 0.233 MJ                                                                 |
| Weight                             | 9.6 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 |



| Commercial data       |               |  |
|-----------------------|---------------|--|
| Product Group         | 20 (Winsta)   |  |
| PU (SPU)              | 50 pcs        |  |
| Packaging type        | Box           |  |
| Country of origin     | PL            |  |
| GTIN                  | 4017332753883 |  |
| Customs tariff number | 85366990990   |  |

| 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                                                                  |          |                  | Approvals for marine applications                                                                                                                                        |           |                  |
|  |          |                  |   |           |                  |
| Approval                                                                           | Standard | Certificate Name | Approval                                                                                                                                                                 | Standard  | Certificate Name |
| cURus<br>Underwriters Laboratories Inc.                                            | UL 1977  | E45171           | DNV GL<br>Det Norske Veritas, Germanischer Lloyd                                                                                                                         | -         | TAE00001Z6       |
| cURus<br>Underwriters Laboratories Inc.                                            | UL 1059  | E 45172          | LR<br>Lloyds Register                                                                                                                                                    | IEC 61984 | LR22429487TA     |

| Downloads                                |                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------|
| Environmental Product Compliance         |                                                                                     |
| Compliance Search                        |                                                                                     |
| Environmental Product Compliance 770-513 |  |

| Documentation |            |                 |                   |
|---------------|------------|-----------------|-------------------|
| Bid Text      |            |                 |                   |
| 770-513       | 19.02.2019 | xml<br>2.73 KB  | <a href="#">↓</a> |
| 770-513       | 12.03.2015 | doc<br>23.50 KB | <a href="#">↓</a> |

| CAD/CAE-Data         |                           |
|----------------------|---------------------------|
| CAD data             | CAE data                  |
| 2D/3D Models 770-513 | EPLAN Data Portal 770-513 |
| <a href="#">↓</a>    | <a href="#">↓</a>         |
|                      | WSCAD Universe 770-513    |
|                      | <a href="#">↓</a>         |
|                      | ZUKEN Portal 770-513      |
|                      | <a href="#">↓</a>         |

| 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