

Technical-Data-Sheet

EASY-PROTECT

Gel box

with WAGO COMPACT Splicing Connectors

Gel filled housings for easy, fast and safe moisture protection of WAGO COMPACT Splicing Connectors

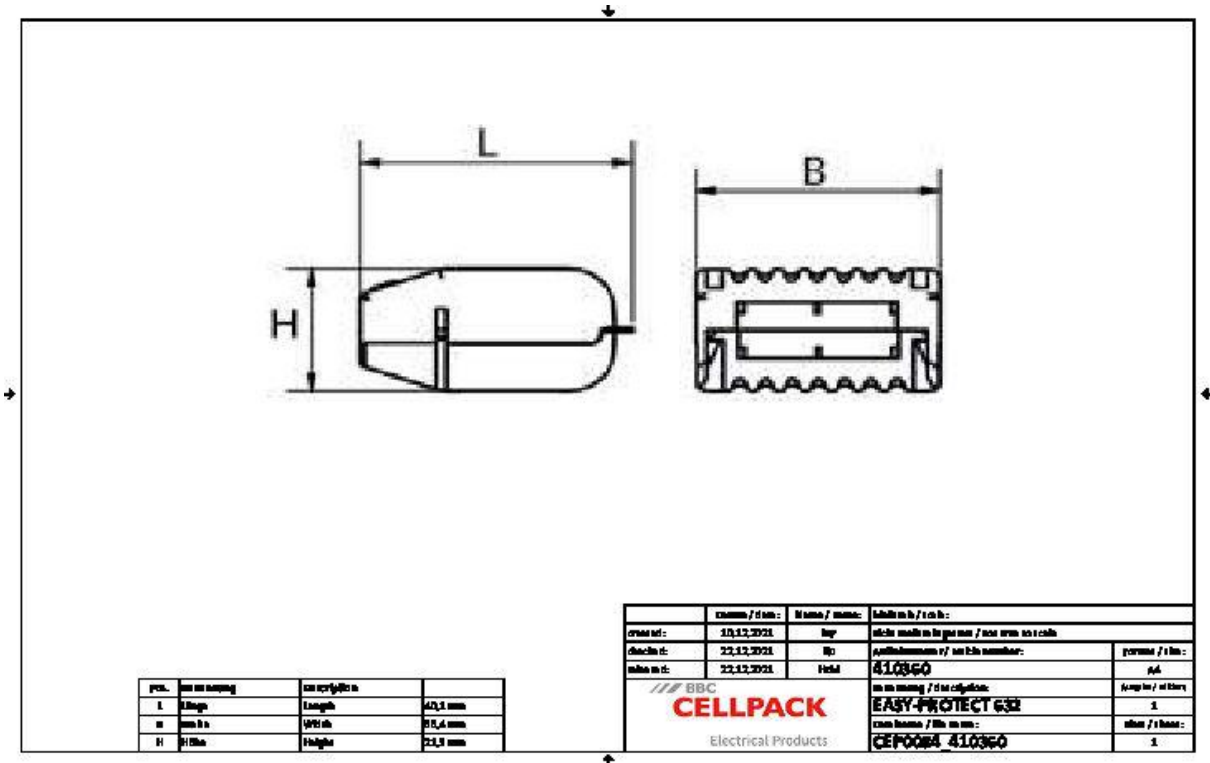


Product description

| | |
|-----------------|--|
| Article name | EASY-PROTECT 632 |
| Material number | 410360 |
| Characteristics | Protects the splicing connector against moisture and water ingress according to IPX8 |
| | VDE type-tested system according to EN 60998-2 for approval in conjunction with WAGO COMPACT conjunction with WAGO COMPACT Splicing Connectors 221 |
| | Rigid, label-free and silicone-free gel |
| | UV-resistant housing, robust and re-accessible housing |
| | Quick, safe and easy assembly |
| | Ready-to-use |
| Applications | Indoor and Outdoor |
| | Can be used in the low-voltage range without an additional housin |
| | Can be used in the low-voltage range with additional housing (double insulation / observe protection class II) |
| Family notes | Not reusable |
| Copyright | WAGO is a registered trademark of WAGO Verwaltungsgesellschaft mbH |

Technical-Data-Sheet

Technical data



| | |
|---|--------------------------|
| Voltage levels | U0/U (Um) 0,6/1 (1,2) kV |
| Test standards | EN 60998-2 |
| Length L | 40.1 m |
| Width B | 66.4 mm |
| Height H | 21.3 mm |
| Nominal cross section min | 0.5 mm ² |
| Nominal cross section max | 6 mm ² |
| IP protection class | IPX8 |
| IP protection class (associated standard) | IEC 60529 |
| Housing colour | black |
| Housing material | Polypropylene |
| Closure type | Latching |
| Wiring direction | One-sided |
| Gel colour | Translucent amber |
| Gel Material | Polyurethan |
| Voltage range | 450 V |
| Voltage range (associated standard) | IEC 60998-2 |
| Flammability class housing | V2 |
| Flammability class housing (associated standard) | UL 94 |
| Rated surge voltage | 4 kV |
| Rated surge voltage (associated standard) | IEC 60998-2 |
| Rated current | 32 A |
| Rated current WAGO Klemme 221 | 41 A |
| Rated current (associated standard) | IEC 60998-2 |
| Ambient temperature (operation) | 85 °C |
| Ambient temperature (operation) (associated standard) | IEC 60998-2 |
| Operating temperature range max | 105 °C |
| Operating temperature range (associated standard) | IEC 60998-2 |
| Dielectric strength | ≥ 15 kV/mm |
| Dielectric strength (associated standard) | IEC 60243-1 |

Technical-Data-Sheet

| | |
|---------------------|----------|
| Housing type | 6 |
| Number of housing | 1 Pieces |
| Connector type | 221-612 |
| Number of connector | 3 Pieces |

Technical-Data-Sheet

Logistics data

| | |
|------------------------|--|
| Delivery scope | Pre-filled gel box |
| | WAGO COMPACT Splicing Connector type 221 |
| | EASY-PROTECT 632: 3x221-612 |
| Shelf life description | Unlimited shelf life |
| Storage temperatur max | 40 °C |
| Storage temperatur min | 0 °C |
| Country of origin | Italy |
| Customs tariff number | 85369010 |

| | | | | |
|-----------------------------|------------------|------------------|------------------|------------------|
| EAN-UPC | 4010311189864 | | | |
| Base quantity | 1 | 1 | 1 | 50 |
| Base unit of measure | Piece | Piece | Piece | Piece |
| Alternate quantity | 1 | 1 | 1 | 1 |
| Alternative unit of measure | Piece | Case | Pack | Carton |
| Lenght | 200 | 200 | 200 | 340 |
| Width | 80 | 80 | 80 | 260 |
| Height | 30 | 30 | 30 | 200 |
| Dimension unit | Millimetres | Millimetres | Millimetres | Millimetres |
| Volume | 0.48 | 0.48 | 0.48 | 17.68 |
| Volume unit | Cubic decimetres | Cubic decimetres | Cubic decimetres | Cubic decimetres |
| Gross weight | 0.059 | 0.059 | 0.059 | 3.2 |
| Net weight | 0.059 | 0.059 | 0.059 | 2.95 |
| Weight unit | Kilogram | Kilogram | Kilogram | Kilogram |