

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-BULK 113 |
| Article number | 451511 |
| Notes | Not reusable |
| Copyright | WAGO is a registered trademark of WAGO Verwaltungsgesellschaft mbH |

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

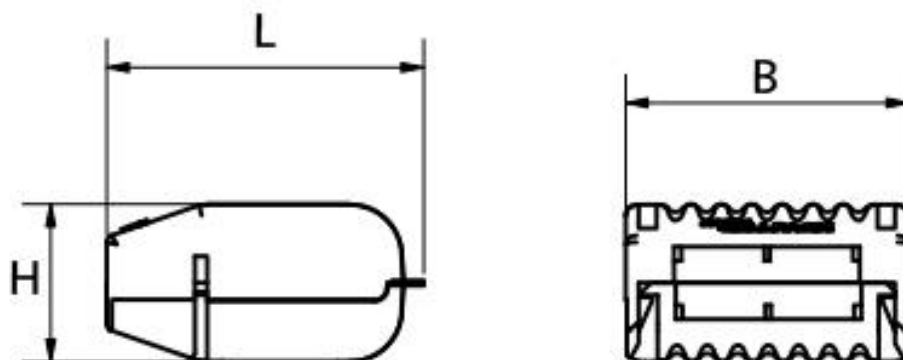
Applications

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)

Technical data



| | |
|--|--------------------------|
| Article name | EASY-PROTECT-BULK 113 |
| Article number | 451511 |
| Voltage levels | U0/U (Um) 0,6/1 (1,2) kV |
| Test standards | EN 60998-2 |
| Housing type | 1 |
| Number of housing | 12 Pieces |
| Connector type | 221-413 |
| Number of connector | 12 Pieces |
| Length L | 33.6 mm |
| Width B | 32 mm |
| Height H | 17.8 mm |
| Nominal cross section min | 0.2 mm ² |
| Nominal cross section max | 4 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 COMPACT splicing connector type 221 | 41 A |
| Rated current (associated standard) | IEC 60998-2 |
| Ambient temperature (operation) | 85 °C |

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|---|-------------|
| Ambient temperature (operation) (associated standard) | IEC 60998-2 |
| Operating temperature range max | 105 °C |
| Operating temperature range (associated standard) | IEC 60998-2 |
| Mounting temperature min | 0 °C |
| Mounting temperature max | 40 °C |
| Dielectric strength | ≥ 15 kV/mm |
| Dielectric strength (associated standard) | IEC 60243-1 |

Logistics data

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|------------------------|--|
| Article name | EASY-PROTECT-BULK 113 |
| Article number | 451511 |
| Delivery scope | Pre-filled gel box |
| | WAGO COMPACT Splicing Connector type 221 |
| 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/GTIN | 4010311199207 |

Packaging data

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|-------------------|--------|---------|
| Packaging type | Carton | Pal. OW |
| Content quantity | 1 | 200 |
| Unit of measure | Piece | Piece |
| Lenght (mm) | 207 | 1200 |
| Width (mm) | 157 | 800 |
| Height (mm) | 48 | 550 |
| Net weight (kg) | 0.215 | 43 |
| Gross weight (kg) | 0.215 | 61.2 |