

## PRODUCT-DETAILS

# BMD51350

## BMD51350 Switch Disconnecter



### General Information

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| Extended Product Type | BMD51350                                                                                   |
| Product ID            | 2CDD643051R0050                                                                            |
| EAN                   | 4016779038584                                                                              |
| Catalog Description   | BMD51350 Switch Disconnecter                                                               |
| Long Description      | The basic M switch disconnecter is suitable for commanding loads according to IEC 60947-3. |

### Technical

|                                                      |                                                                      |
|------------------------------------------------------|----------------------------------------------------------------------|
| Standards                                            | IEC 60947-3                                                          |
| Product Name                                         | Switch Disconnecter                                                  |
| Rated Operational Voltage                            | 415 V AC                                                             |
| Rated Current ( $I_n$ )                              | 50 A                                                                 |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | 5 kA                                                                 |
| Rated Frequency (f)                                  | 50 / 60 Hz                                                           |
| Power Loss                                           | at Rated Operating Conditions per Pole 3.17 W                        |
| Electrical Endurance                                 | 1500 AC cycle<br>8500 cycle                                          |
| Number of Poles                                      | 3                                                                    |
| Number of Protected Poles                            | 3                                                                    |
| Tightening Torque                                    | 2 N·m                                                                |
| Utilization Category                                 | Switching of mixed resistive and inductive loads, including moderate |

overloads - frequent actuation (AC-22A)

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| Actuator Type            | Toggle                                                  |
| Actuator Marking         | I / O                                                   |
| Recommended Screw Driver | Pozidriv 2                                              |
| Accessories Available    | No                                                      |
| Connecting Capacity      | Flexible 25 mm <sup>2</sup><br>Rigid 35 mm <sup>2</sup> |
| Wire Stripping Length    | 12.5 mm                                                 |
| Terminal Type            | Screw Terminals                                         |

## Environmental

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| Ambient Air Temperature | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C |
| Degree of Protection    | IP20<br>Enclosure with Cover IP40                  |
| RoHS Status             | Following EU Directive 2011/65/EU                  |

## Dimensions

|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 3       |
| Product Net Width                   | 52.5 mm |
| Product Net Height                  | 69 mm   |
| Product Net Depth / Length          | 88 mm   |
| Product Net Weight                  | 210 g   |
| Built-In Depth (t <sub>2</sub> )    | 69 mm   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 4 piece       |
| Package Level 1 Width          | 92 mm         |
| Package Level 1 Height         | 80 mm         |
| Package Level 1 Depth / Length | 220 mm        |
| Package Level 1 Gross Weight   | 0.901 kg      |
| Package Level 1 EAN            | 4016779038591 |
| Package Level 2 Units          | 32 piece      |
| Package Level 2 Width          | 183 mm        |
| Package Level 2 Height         | 164 mm        |
| Package Level 2 Depth / Length | 445 mm        |
| Package Level 2 Gross Weight   | 7.208 kg      |
| Package Level 2 EAN            | 4016779052047 |

## Ordering

|                         |               |
|-------------------------|---------------|
| Minimum Order Quantity  | 1 piece       |
| Customs Tariff Number   | 85369095      |
| Country of Origin       | Bulgaria (BG) |
| Selling Unit of Measure | piece         |

## Certificates and Declarations (Document Number)

|                                |                    |
|--------------------------------|--------------------|
| Declaration of Conformity - CE | 2CDK400668D2701    |
| Instructions and Manuals       | No document needed |
| RoHS Information               | 2CDK400669D0201    |

## Popular Downloads

|                                   |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 9AKK107045A1496    |
| Instructions and Manuals          | No document needed |

## Classifications

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| ETIM 6             | EC001545 - Main switch for distribution board                                 |
| ETIM 7             | EC001545 - Main switch for distribution board                                 |
| ETIM 8             | EC001545 - Main switch for distribution board                                 |
| EPLAN Catalog Tree | Electrical engineering / Sensor, switch, and pushbutton / Switch , pushbutton |
| WEEE Category      | 5. Small Equipment (No External Dimension More Than 50 cm)                    |
| WEEE B2C / B2B     | Business To Consumer                                                          |
| CN8                | 8536 90 95                                                                    |
| eClass             | V11.0 : 27142301                                                              |

## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Basic M System → Switch Disconnectors

