

PRODUCT-DETAILS

BMD51416

BMD51416 Switch Disconnecter



General Information

Extended Product Type	BMD51416
Product ID	2CDD644051R0016
EAN	4016779038669
Catalog Description	BMD51416 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)	16 A
Rated Conditional Short-Circuit Current (I_{nc})	5 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 1.01 W
Electrical Endurance	1500 AC cycle 8500 cycle
Number of Poles	4
Number of Protected Poles	4
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 ² Rigid 35 mm ²
Wire Stripping Length	12.5 mm
Terminal Type	Screw Terminals

Environmental

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

Dimensions

Width in Number of Modular Spacings	4
Product Net Width	70 mm
Product Net Height	69 mm
Product Net Depth / Length	88 mm
Product Net Weight	280 g
Built-In Depth (t ₂)	69 mm

Container Information

Package Level 1 Units	3 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	4016779038676
Package Level 2 Units	24 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	4016779052085

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

