



 PRODUCT-DETAILS

BMD51440

BMD51440 Switch Disconnecter



General Information

Extended Product Type	BMD51440
Product ID	2CDD644051R0040
EAN	4016779038782
Catalog Description	BMD51440 Switch Disconnecter
Long Description	The basic M switch disconnecter is suitable for commanding loads according to IEC 60947-3.

Technical

Standards	IEC 60947-3
Rated Voltage (U_r)	415 V 410 V Minimum
Rated Operational Voltage	415 V AC
Input Voltage Type	AC
Rated Current (I_n)	40 A
Rated Conditional Short-Circuit Current (I_{nc})	5 kA
Rated Service Short-	12 kA

Circuit Breaking Capacity (I _{cs})	
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 2.53 W
Electrical Endurance	1500 AC cycle
Mechanical Endurance	8500 cycle
Number of Protected Poles	4
Number of 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
Switch Type	Off
Actuator Marking	I / O
Recommended Screw Driver	Pozidriv 2
Accessories Available	No
Cover Color	Grey
Connecting Capacity	Flexible 25 mm ² Rigid 35 mm ²
Wire Stripping Length	12.5 mm
Terminal Type	Screw Terminals

Material Compliance

RoHS Information	2CDK400669D0201
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20170816
REACH Declaration	9AKK108468A9644
REACH Information	False - does not contains substances > 0.1 mass percentage
REACH Date	20231212
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20 Enclosure with Cover IP40

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

Ordering

Package Level 1 Units	carton 3 piece
Package Level 1 Gross Weight	0.901 kg

Certificates and Declarations

Declaration of Conformity - CE	2CDK400668D2701
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Installation

Instructions and Manuals	No document needed
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Popular Downloads

Data Sheet, Technical Information	9AKK107045A1496
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Classifications

ETIM 8	EC001545 - Main switch for distribution board
ETIM 9	EC001545 - Main switch for distribution board
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

