




---

 PRODUCT-DETAILS

# BMD51232

## BMD51232 Switch Disconnecter 2P, 32A




---

### General Information

Extended Product Type	BMD51232
Product ID	2CDD642051R0032
EAN	4016779038263
Catalog Description	BMD51232 Switch Disconnecter 2P, 32A
Long Description	The basic M switch disconnecter is suitable for commanding loads according to IEC 60947-3.

---

### Technical

Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	12 kA
Electrical Endurance	1500 AC cycle
Mechanical Endurance	8500 cycle
Number of Protected Poles	2
Number of Poles	2P
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 <sup>2</sup> Rigid 35 mm <sup>2</sup>
Wire Stripping Length	12.5 mm
Terminal Type	Screw Terminals

## Electrical

Rated Voltage (U <sub>r</sub> )	415 V 24 V Minimum
Rated Operational Voltage	415 V AC
Input Voltage Type	AC
Rated Current (I <sub>n</sub> )	32 A
Rated Conditional Short-Circuit Current (I <sub>nc</sub> )	5 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 2.03 W

## Material Compliance

RoHS Declaration	9AKK108472A0372
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20251203
REACH Declaration	9AKK107492A1906
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20251029
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
Toxic Substances Control Act - TSCA	9AKK108468A8104
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

## 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	2
Product Net Width	35 mm
Product Net Height	88 mm

Product Net Depth / Length	69 mm
Product Net Weight	186 g
Built-In Depth (t <sub>2</sub> )	69 mm

---

## Ordering

Package Level 1 Units	carton 6 piece
Package Level 1 Gross Weight	0.901 kg

---

## Certificates and Declarations

Declaration of Conformity - CE	2CDK400668D2701
--------------------------------	-----------------

---

## Installation

Instructions and Manuals	No document needed
--------------------------	--------------------

---

## Popular Downloads

Data Sheet, Technical Information	9AKK107045A1496
-----------------------------------	-----------------

---

## External Classifications and Standards

ETIM 9	EC001545 - Main switch for distribution board
ETIM 10	EC001545 - Main switch for distribution board
eClass	V11.0 : 27142301
Standards	IEC 60947-3

---

## Categories

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

