



PRODUCT-DETAILS

SHD203/32

SHD203/32 Switch Disconnectors



| General Information | |
|-----------------------|---|
| Extended Product Type | SHD203/32 |
| Product ID | 2CDD273111R0032 |
| EAN | 4016779904445 |
| Catalog Description | SHD203/32 Switch Disconnectors |
| Long Description | SHD203/32 - Switch Disconnector 3P, 32A |

| ABB EcoSolutions | |
|------------------|-----|
| ABB EcoSolutions | Yes |

| Circular Value | |
|--------------------------------|---|
| Circular Design | Design for Closing Resource Loops - Standard EN45555 - 40.8 % |
| Principles Recyclability Rate | |
| Group Waste to Landfill Target | No non-hazardous waste is sent to a landfill |

| | |
|--------------------------------|-------------------------|
| Offered with Extended Lifetime | Product Durability |
| Offered with Takeback Services | Take Back for Recycling |
| End of Life Instructions | 9AKK108469A1171 |

Technical

| | |
|--|---|
| Rated Voltage (U _r) | 415 V 12 V Minimum |
| Rated Operational Voltage | 415 V AC |
| Operational Voltage | Maximum 436 V AC Minimum 12 V AC |
| Rated Impulse Withstand Voltage (U _{imp}) | 4 kV at 2000 m 5 kV at Sea Level 6.2 kV |
| Input Voltage Type | AC |
| Rated Current (I _n) | 32 A |
| Rated Conditional Short-Circuit Current (I _{nc}) | 10 kA |
| Rated Frequency (f) | 50 / 60 Hz |
| Power Loss | at Rated Operating Conditions per Pole 2.03 W |
| Electrical Endurance | 10000 AC cycle |
| Mechanical Endurance | 20000 cycle |
| Number of Contacts CO | 0 |
| Number of Contacts NC | 0 |
| Number of Contacts NO | 3 |
| Number of Poles | 3 |
| Overvoltage Category | III |
| Tightening Torque | 2 N·m |
| Utilization Category | Switching of mixed resistive and inductive loads, including moderate overloads - frequent actuation (AC-22A) |
| Actuator Type | Toggle |
| Screw Terminal Type | Cable Clamp |
| Switch Type | Off |
| Actuator Marking | I / O |
| Actuator Material | Insulation Group II, Red, Sealable |
| Housing Material | Insulation Group I, RAL 7035 |
| Mounting Position | any |
| Recommended Screw Driver | Pozidriv 2 |
| Accessories Available | No |
| Cover Color | Grey |
| Connecting Capacity | Flexible 0.75 ... 16 mm ² Rigid 0.75 ... 25 mm ² Stranded 0.75 ... 25 mm ² |
| Terminal Type | Screw Terminals |

Material Compliance

| | |
|-------------------|--|
| RoHS Information | 2CDK440035D2703 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date | 20210528 |
| REACH Declaration | 9AKK108468A9644 |
| REACH Information | False - does not contain 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 |
| Pollution Degree | 3 |
| Environmental Conditions | 28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 % |
| Resistance to Vibrations | 20 Cycles with Load 0.8 In: 5g 5 ... 150 ... 5 Hz |
| Resistance to Shock acc. to IEC 60068-2-27 | 25g 2 shocks 13 ms |

Dimensions

| | |
|-------------------------------------|----------|
| Width in Number of Modular Spacings | 3.0 |
| Product Net Width | 52.5 mm |
| Product Net Height | 85 mm |
| Product Net Depth / Length | 69 mm |
| Product Net Weight | 0.225 kg |
| Built-In Depth (t2) | 69 mm |

Ordering

| | |
|------------------------------|---------|
| Package Level 1 Units | 1 piece |
| Package Level 1 Gross Weight | 0.24 kg |

Certificates and Declarations

| | |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 2CDK440035D2703 |
|--------------------------------|-----------------|

Installation

| | |
|--------------------------|-----------------|
| Instructions and Manuals | 2CDC441016D0201 |
|--------------------------|-----------------|

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC441016D0201 |
|-----------------------------------|-----------------|

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 |
| Object Classification Code | Q |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling Devices → Switch Disconnectors

