PRODUCT-DETAILS

# SD202/63

## Switch Disconnector



### General Information

| | |
|---|---|
| Extended Product Type | SD202/63 |
| Product ID | 2CDD282101R0063 |
| EAN | 4016779904179 |
| Catalog Description | Switch Disconnector |
| Long Description | SD202/63 - Switch Disconnector - 2P, 63A |

### Technical

| | |
|---|---|
| Standards | IEC/EN 60947-3 |
| Rated Voltage ($U_r$) | 440 V<br>12 V Minimum |
| Rated Operational Voltage | 440 V AC<br>125 V DC |
| Operational Voltage | Maximum 462 V AC<br>Maximum 131 V DC<br>Minimum 12 V AC |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 4 kV<br>at 2000 m 5 kV<br>at Sea Level 6.2 kV |

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| | |
|---|---|
| Input Voltage Type | AC/DC |
| Rated Current ($I_n$) | 63 A |
| Rated Conditional Short-Circuit Current ($I_{nc}$) | 25 kA |
| Rated Frequency (f) | 50 / 60 Hz<br>DC |
| Power Loss | at Rated Operating Conditions per Pole 4.5 W |
| Contact Position Indication | ON / OFF |
| Electrical Endurance | 10000 AC cycle |
| Mechanical Endurance | 20000 cycle |
| Number of Contacts CO | 0 |
| Number of Contacts NC | 0 |
| Number of Contacts NO | 2 |
| Number of Poles | 2P |
| Overvoltage Category | III |
| Tightening Torque | 2.8 N·m |
| Utilization Category | Switching of motor loads or other highly inductive loads - frequent actuation (AC-23A)<br>Switching of resistive loads, including moderate overloads - frequent actuation (DC-21A) |
| Actuator Type | Toggle |
| Screw Terminal Type | Failsafe Bi-directional Cylinder-lift Terminal |
| 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 | Yes |
| Cover Color | Grey |
| Connecting Capacity | Busbar 10 / 10 mm²<br>Flexible with Ferrule 0.75 ... 25 mm²<br>Flexible 0.75 ... 25 mm²<br>Rigid 0.75 ... 35 mm²<br>Stranded 0.75 ... 35 mm² |
| Terminal Type | Screw Terminals |

## Material Compliance

| | |
|---|---|
| RoHS Information | 2CDK440034D2703 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date | 20210528 |
| REACH Declaration | 9AKK107492A1906 |
| REACH Information | False - does not contain substances > 0.1 mass percentage |
| REACH Date | 20240821 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

## Environmental

| | |
|---|---|
| Ambient Air Temperature | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C |
| Degree of Protection | IP20 |

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| | |
|---|---|
| | 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 |
| Environmental Information | 2CDK400618D0201 |

## Dimensions

| | |
|---|---|
| Width in Number of Modular Spacings | 2.0 |
| Product Net Width | 35 mm |
| Product Net Height | 88 mm |
| Product Net Depth / Length | 69 mm |
| Product Net Weight | 0.17 kg |
| Built-In Depth ($t_2$) | 69 mm |

## Ordering

| | |
|---|---|
| Package Level 1 Units | 5 piece |
| Package Level 1 Gross Weight | 0.9 kg |
| E-Number (Finland) | 3601635 |
| E-Number (Norway) | 1429486 |

## Certificates and Declarations

| | |
|---|---|
| Declaration of Conformity - CE | 2CDK440034D2703 |
| Certification Agency | IEC EN |

## Installation

| | |
|---|---|
| Instructions and Manuals | 2CDS207104P0003 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 2CDC441015D0201 |

## 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 |

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| | |
|---|---|
| CN8 | 8536 90 95 |
| eClass | V11.0 : 27142301 |
| Object Classification Code | Q |

## Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|---|---|---|---|---|
| 2CDS200922R0001 | Signal / Auxiliary Contact | S2C-S/H6R | 1 | piece |
| 2CDS200912R0001 | Auxiliary Contact | S2C-H6R | 1 | piece |
| 2CDS200970R0001 | Auxiliary Contact | S2C-H01 | 1 | piece |
| 2CDS200970R0002 | Auxiliary Contact | S2C-H10 | 1 | piece |
| 2CDS200936R0001 | Auxiliary Contact | S2C-H11L | 1 | piece |
| 2CDS200936R0002 | Auxiliary Contact | S2C-H20L | 1 | piece |
| 2CDS200936R0003 | Auxiliary Contact | S2C-H02L | 1 | piece |
| 2CDS200946R0001 | Auxiliary Contact | S2C-H6-11R | 1 | piece |
| 2CDS200946R0002 | Auxiliary Contact | S2C-H6-20R | 1 | piece |
| 2CDS200946R0003 | Auxiliary Contact | S2C-H6-02R | 1 | piece |
| 2CDS200909R0001 | Shunt Trip | S2C-A1 | 1 | piece |
| 2CDS200909R0002 | Shunt Trip | S2C-A2 | 1 | piece |
| 2CSS200911R0001 | Undervoltage Release | S2C-UA 12 DC | 1 | piece |
| 2CSS200911R0002 | Undervoltage Release | S2C-UA 24 AC | 1 | piece |
| 2CSS200911R0003 | Undervoltage Release | S2C-UA 48 AC | 1 | piece |
| 2CSS200911R0004 | Undervoltage Release | S2C-UA 110 AC | 1 | piece |
| 2CSS200911R0005 | Undervoltage Release | S2C-UA 230 AC | 1 | piece |
| 2CSS200911R0006 | Undervoltage Release | S2C-UA 400 AC | 1 | piece |
| 2CSS200911R0007 | Undervoltage Release | S2C-UA 24 DC | 1 | piece |
| 2CSS200911R0008 | Undervoltage Release | S2C-UA 48 DC | 1 | piece |
| 2CSS200911R0009 | Undervoltage Release | S2C-UA 110 DC | 1 | piece |
| 2CSS200911R0010 | Undervoltage Release | S2C-UA 230 DC | 1 | piece |
| GHS2001901R0003 | Mechanical Accessories | S2C-DH | 1 | piece |
| 2CSS200998R0001 | Mechanical tripping device | S2C-BP | 1 | piece |
| 2CSS200999R0001 | Plug-in base | S2C-EST | 1 | piece |
| 2CDS200918R0001 | Hand Operated Neutral | S2C-NT | 1 | piece |
| 2CCA880100R0001 | Sensor | CMS-100PS | 1 | piece |
| 2CCA880101R0001 | Sensor | CMS-101PS | 1 | piece |
| 2CCA880102R0001 | Sensor | CMS-102PS | 1 | piece |

## Categories

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

Medium Voltage Products and Systems → Service → Spares and Consumables → Parts → All Spare Parts (Relays-SWG-CB)



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