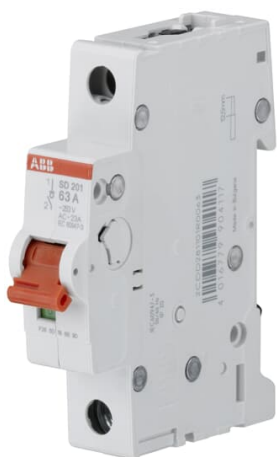


## PRODUCT-DETAILS

# SD201/50

## SD201/50 Switch Disconnecter 1P, 50A



### General Information

|                       |                                      |
|-----------------------|--------------------------------------|
| Extended Product Type | SD201/50                             |
| Product ID            | 2CDD281101R0050                      |
| EAN                   | 4016779904100                        |
| Catalog Description   | SD201/50 Switch Disconnecter 1P, 50A |
| Long Description      | SD201/50 Switch Disconnecter 1P, 50A |

### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3601628       |
| EAN                    | 4016779904100 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85369095      |

### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 17.5 mm  |
| Product Net Height         | 88 mm    |
| Product Net Depth / Length | 69 mm    |
| Product Net Weight         | 0.085 kg |

### Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 10 piece      |
| Package Level 1 Width          | 92 mm         |
| Package Level 1 Height         | 80 mm         |
| Package Level 1 Depth / Length | 183 mm        |
| Package Level 1 Gross Weight   | 0.9 kg        |
| Package Level 1 EAN            | 4016779904582 |
| Package Level 2 Units          | 120 piece     |
| Package Level 2 Width          | 275 mm        |
| Package Level 2 Height         | 210 mm        |
| Package Level 2 Depth / Length | 395 mm        |
| Package Level 2 Gross Weight   | 11.2 kg       |
| Package Level 2 EAN            | 4016779905060 |

## Environmental

|                                                |                                                      |
|------------------------------------------------|------------------------------------------------------|
| Ambient Air Temperature                        | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C   |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In |
| Resistance to Shock acc. to IEC 60068-2-27     | 25g / 2 shocks / 13 ms                               |
| RoHS Status                                    | Following EU Directive 2011/65/EU                    |

## Additional Information

|                                                     |                                                                                                                                                     |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Actuator Type                                       | Toggle                                                                                                                                              |
| Connecting Capacity                                 | Busbar 10 / 10 mm <sup>2</sup><br>Flexible 0.75 ... 16 mm <sup>2</sup><br>Rigid 0.75 ... 25 mm <sup>2</sup><br>Stranded 0.75 ... 25 mm <sup>2</sup> |
| Degree of Protection                                | IP20                                                                                                                                                |
| Housing Material                                    | Insulation Group I, RAL 7035                                                                                                                        |
| Mounting Position                                   | Any                                                                                                                                                 |
| Number of Poles                                     | 1                                                                                                                                                   |
| Operational Voltage                                 | Maximum 266 V AC<br>Maximum 63 V DC<br>Minimum 12 V AC                                                                                              |
| Overvoltage Category                                | III                                                                                                                                                 |
| Pollution Degree                                    | 3                                                                                                                                                   |
| Power Loss                                          | at Rated Operating Conditions per Pole 2.83 W                                                                                                       |
| Product Main Type                                   | SD200                                                                                                                                               |
| Product Name                                        | Switch Disconnectors                                                                                                                                |
| Rated Current (I <sub>N</sub> )                     | 50 A                                                                                                                                                |
| Rated Frequency (f)                                 | 50 Hz<br>60 Hz<br>DC                                                                                                                                |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 4 kV<br>(6.2 kV @ sea level)<br>(5.0 kV @ 2000 m)                                                                                                   |
| Rated Operational Voltage                           | 253 V AC<br>60 V DC                                                                                                                                 |
| Recommended Screw Driver                            | Pozidriv 2                                                                                                                                          |
| Remarks                                             | IP40 in enclosure with cover                                                                                                                        |
| RoHS Date                                           | 20170302                                                                                                                                            |
| Standards                                           | IEC/EN 60947-3                                                                                                                                      |

|                   |                 |
|-------------------|-----------------|
| Terminal Type     | Screw Terminals |
| Tightening Torque | 2.8 N·m         |

| Certificates and Declarations (Document Number) |                 |
|-------------------------------------------------|-----------------|
| Data Sheet, Technical Information               | 2CDC441015D0201 |
| Declaration of Conformity - CE                  | 2CDK440034D2703 |
| Environmental Information                       | 2CDK400618D0201 |
| Instructions and Manuals                        | 2CDC441015D0201 |
| RoHS Information                                | 2CDK440036D0202 |

| Classifications            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 4                     | EC001545 - Main switch for distribution board              |
| ETIM 5                     | EC001545 - Main switch for distribution board              |
| ETIM 6                     | EC001545 - Main switch for distribution board              |
| ETIM 7                     | EC001545 - Main switch for distribution board              |
| Object Classification Code | Q                                                          |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| eClass                     | V11.0 : 27142301                                           |

**Accessories**

| Identifier      | Description                            | Type          | Quantity | Unit Of Measure |
|-----------------|----------------------------------------|---------------|----------|-----------------|
| 2CDS200922R0001 | S2C-S/H6R - Signal / Auxiliary Contact | S2C-S/H6R     | 1        | piece           |
| 2CDS200912R0001 | S2C-H6R - Auxiliary Contact            | S2C-H6R       | 1        | piece           |
| 2CDS200936R0001 | S2C-H11L - Auxiliary Contact           | S2C-H11L      | 1        | piece           |
| 2CDS200936R0002 | S2C-H20L - Auxiliary Contact           | S2C-H20L      | 1        | piece           |
| 2CDS200936R0003 | S2C-H02L - Auxiliary Contact           | S2C-H02L      | 1        | piece           |
| 2CDS200946R0001 | S2C-H6-11R - Auxiliary Contact         | S2C-H6-11R    | 1        | piece           |
| 2CDS200946R0002 | S2C-H6-20R - Auxiliary Contact         | S2C-H6-20R    | 1        | piece           |
| 2CDS200946R0003 | S2C-H6-02R - Auxiliary Contact         | S2C-H6-02R    | 1        | piece           |
| 2CDS200909R0001 | S2C-A1 - Shunt Trip                    | S2C-A1        | 1        | piece           |
| 2CDS200909R0002 | S2C-A2 - Shunt Trip                    | S2C-A2        | 1        | piece           |
| 2CSS200911R0001 | S2C-UA 12 DC - Undervoltage release    | S2C-UA 12 DC  | 1        | piece           |
| 2CSS200911R0002 | S2C-UA 24 AC - Undervoltage release    | S2C-UA 24 AC  | 1        | piece           |
| 2CSS200911R0003 | S2C-UA 48 AC - Undervoltage release    | S2C-UA 48 AC  | 1        | piece           |
| 2CSS200911R0004 | S2C-UA 110 AC - Undervoltage release   | S2C-UA 110 AC | 1        | piece           |
| 2CSS200911R0005 | S2C-UA 230 AC - Undervoltage release   | S2C-UA 230 AC | 1        | piece           |
| 2CSS200911R0006 | S2C-UA 400 AC - Undervoltage release   | S2C-UA 400 AC | 1        | piece           |
| 2CSS200911R0007 | S2C-UA 24 DC - Undervoltage release    | S2C-UA 24 DC  | 1        | piece           |
| 2CSS200911R0008 | S2C-UA 48 DC - Undervoltage release    | S2C-UA 48 DC  | 1        | piece           |
| 2CSS200911R0009 | S2C-UA 110 DC - Undervoltage release   | S2C-UA 110 DC | 1        | piece           |
| 2CSS200911R0010 | S2C-UA 230 DC - Undervoltage release   | S2C-UA 230 DC | 1        | piece           |
| 2CSS201997R0013 | S2C-CM1 - Motor operating device       | S2C-CM1       | 1        | piece           |
| 2CSS203997R0013 | S2C-CM2/3 - Motor operating device     | S2C-CM2/3     | 1        | piece           |
| 2CSS204997R0013 | S2C-CM4 - Motor operating device       | S2C-CM4       | 1        | piece           |
| GHS2001901R0003 | S2C-DH - Mechanical Accessories        | S2C-DH        | 1        | piece           |
| 2CSS200998R0001 | S2C-BP - Mechanical tripping device    | S2C-BP        | 1        | piece           |
| 2CSS200999R0001 | S2C-EST - Plug-in base                 | S2C-EST       | 1        | piece           |
| 2CDS200918R0001 | S2C-NT - Hand Operated Neutral         | S2C-NT        | 1        | piece           |
| 2CCA880100R0001 | CMS-100PS Sensor                       | CMS-100PS     | 1        | piece           |
| 2CCA880101R0001 | CMS-101PS Sensor                       | CMS-101PS     | 1        | piece           |
| 2CCA880102R0001 | CMS-102PS Sensor                       | CMS-102PS     | 1        | piece           |

## Categories

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

