

## PRODUCT-DETAILS

# SD203/16

## SD203/16 Switch Disconnecter 3P, 16A



### General Information

|                       |                                      |
|-----------------------|--------------------------------------|
| Extended Product Type | SD203/16                             |
| Product ID            | 2CDD283101R0016                      |
| EAN                   | 4016779904186                        |
| Catalog Description   | SD203/16 Switch Disconnecter 3P, 16A |
| Long Description      | SD203/16 Switch Disconnecter 3P, 16A |

### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3601637       |
| EAN                    | 4016779904186 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85369095      |

### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 52.5 mm  |
| Product Net Height         | 88 mm    |
| Product Net Depth / Length | 69 mm    |
| Product Net Weight         | 0.255 kg |

### Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 92 mm         |
| Package Level 1 Height         | 80 mm         |
| Package Level 1 Depth / Length | 58 mm         |
| Package Level 1 Gross Weight   | 0.27 kg       |
| Package Level 1 EAN            | 4016779904667 |
| Package Level 2 Units          | 36 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   | 10.12 kg      |
| Package Level 2 EAN            | 4016779905145 |

## 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                                     | 3                                                                                                                                                   |
| Operational Voltage                                 | Maximum 462 V AC<br>Minimum 12 V AC                                                                                                                 |
| Overvoltage Category                                | III                                                                                                                                                 |
| Pollution Degree                                    | 3                                                                                                                                                   |
| Power Loss                                          | at Rated Operating Conditions per Pole 0.91 W                                                                                                       |
| Product Main Type                                   | SD200                                                                                                                                               |
| Product Name                                        | Switch Disconnectors                                                                                                                                |
| Rated Current (I <sub>N</sub> )                     | 16 A                                                                                                                                                |
| Rated Frequency (f)                                 | 50 Hz<br>60 Hz                                                                                                                                      |
| 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                           | 440 V AC                                                                                                                                            |
| 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                                                                                                                                             |

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**Certificates and Declarations (Document Number)**


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|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC441015D0201 |
| Declaration of Conformity - CE    | 2CDK440034D2703 |
| Environmental Information         | 2CDK400618D0201 |
| Instructions and Manuals          | 2CDC441015D0201 |
| RoHS Information                  | 2CDK440036D0202 |

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**Classifications**


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|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| 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                                           |

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**Accessories**


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| Identifier      | Description                                                  | Type          | Quantity | Unit Of Measure |
|-----------------|--------------------------------------------------------------|---------------|----------|-----------------|
| 2CDS200922R0001 | S2C-S/H6R - S2C - S/H 6R- 1NA+1NC (1/2 mod.)                 | S2C-S/H6R     | 1        | piece           |
| 2CDS200912R0001 | S2C-H6R - S2C - H 6R- 1NA+1NC (1/2 mod.)                     | S2C-H6R       | 1        | piece           |
| 2CDS200936R0001 | S2C-H11L - S2C-H11L- 1NA+1NC montaggio a sinistra (1/2 mod.) | S2C-H11L      | 1        | piece           |
| 2CDS200936R0002 | S2C-H20L - S2C-H20L- 2NA montaggio a sinistra (1/2 mod.)     | S2C-H20L      | 1        | piece           |
| 2CDS200936R0003 | S2C-H02L - S2C-H02L- 2NC montaggio a sinistra (1/2 mod.)     | 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 - S2C - A1- 12-60V c.a./c.c. (1 mod.)                 | S2C-A1        | 1        | piece           |
| 2CDS200909R0002 | S2C-A2 - S2C - A2- 110-415V c.a./110-250 V c.c. (1 mod.)     | S2C-A2        | 1        | piece           |
| 2CSS200911R0001 | S2C-UA 12 DC - S2C - UA 12 DC- 12V c.c. (1 mod.)             | S2C-UA 12 DC  | 1        | piece           |
| 2CSS200911R0002 | S2C-UA 24 AC - S2C - UA 24 AC- 24V c.a. (1 mod.)             | S2C-UA 24 AC  | 1        | piece           |
| 2CSS200911R0003 | S2C-UA 48 AC - S2C - UA 48 AC- 48V c.a. (1 mod.)             | S2C-UA 48 AC  | 1        | piece           |
| 2CSS200911R0004 | S2C-UA 110 AC - S2C - UA 110 AC- 110V c.a. (1 mod.)          | S2C-UA 110 AC | 1        | piece           |
| 2CSS200911R0005 | S2C-UA 230 AC - S2C - UA 230 AC- 230V c.a. (1 mod.)          | S2C-UA 230 AC | 1        | piece           |
| 2CSS200911R0006 | S2C-UA 400 AC - S2C - UA 400 AC- 400V c.a. (1 mod.)          | S2C-UA 400 AC | 1        | piece           |
| 2CSS200911R0007 | S2C-UA 24 DC - S2C - UA 24 DC- 24V c.c. (1 mod.)             | S2C-UA 24 DC  | 1        | piece           |
| 2CSS200911R0008 | S2C-UA 48 DC - S2C - UA 48 DC- 48V c.c. (1 mod.)             | S2C-UA 48 DC  | 1        | piece           |
| 2CSS200911R0009 | S2C-UA 110 DC - S2C - UA 110 DC- 110V c.c. (1 mod.)          | S2C-UA 110 DC | 1        | piece           |
| 2CSS200911R0010 | S2C-UA 230 DC - S2C - UA 230 DC- 230V c.c. (1 mod.)          | S2C-UA 230 DC | 1        | piece           |
| 2CSS201997R0013 | S2C-CM1 - S2C-CM1- S200 1P                                   | S2C-CM1       | 1        | piece           |
| 2CSS203997R0013 | S2C-CM2/3 - S2C-CM2/3-S200 2P-3P                             | S2C-CM2/3     | 1        | piece           |
| 2CSS204997R0013 | S2C-CM4 - S2C-CM4- S200 4P                                   | S2C-CM4       | 1        | piece           |
| GHS2001901R0003 | S2C-DH - S2C-DH                                              | S2C-DH        | 1        | piece           |
| 2CSS200998R0001 | S2C-BP - Mechanical tripping device                          | S2C-BP        | 1        | piece           |
| 2CSS200999R0001 | S2C-EST - S2C-EST                                            | S2C-EST       | 1        | piece           |
| 2CDS200918R0001 | S2C-NT - Hand Operated Neutral                               | S2C-NT        | 1        | piece           |
| 2CCA880100R0001 | sistema misura multipartenze CMS                             | CMS-100PS     | 1        | piece           |
| 2CCA880101R0001 | sistema misura multipartenze CMS                             | CMS-101PS     | 1        | piece           |
| 2CCA880102R0001 | sistema misura multipartenze CMS                             | CMS-102PS     | 1        | piece           |

## Categories

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

