

**General Information**

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Extended Product Type:</b> | S201-C2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Product ID:</b>            | 2CDS251001R0024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>EAN:</b>                   | 4016779523325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Catalog Description:</b>   | Miniature Circuit Breaker - S200 - 1 - C - 2 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Long Description:</b>      | System pro M compact S200 miniature circuit breakers are current limiting. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C,D,K,Z), configurations (1P, 1P+N, 2P, 3P, 3P+N, 4P), breaking capacities (up to 6 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200 comply with IEC/EN 60898-1, IEC/EN 60947-2, UL1077 and CSA 22.2 No. 235, allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200 to save 50% space. |

**Categories** [\(Show All..\)](#)

|                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|
| Products » Low Voltage Products and Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs |
| Parts & Services » Drives » Medium Voltage AC Drives » Industrial Drives » ACS1000                        |
| Parts & Services » Drives » Medium Voltage AC Drives » Special Purpose Drives » ACS5000 water cooled      |

**Accessories** [Show accessory images](#)

32 Products Filter

| Identifier                      | Description                                                          | Type          | Qty |
|---------------------------------|----------------------------------------------------------------------|---------------|-----|
| <a href="#">2CDS200922R0001</a> | S2C-S/H6R - Accessory for Miniature Circuit Breakers                 | S2C-S/H6R     | 1   |
| <a href="#">2CDS200912R0001</a> | S2C-H6R - Accessory for Miniature Circuit Breakers                   | S2C-H6R       | 1   |
| <a href="#">2CDS200970R0001</a> | S2C-H01 - Accessory for Miniature Circuit Breakers                   | S2C-H01       | 1   |
| <a href="#">2CDS200970R0002</a> | S2C-H10 - Accessory for Miniature Circuit Breakers                   | S2C-H10       | 1   |
| <a href="#">2CDS200936R0001</a> | S2C-H11L - Accessory for Miniature Circuit Breakers                  | S2C-H11L      | 1   |
| <a href="#">2CDS200936R0002</a> | S2C-H20L - Accessory for Miniature Circuit Breakers                  | S2C-H20L      | 1   |
| <a href="#">2CDS200936R0003</a> | S2C-H02L - Accessory for Miniature Circuit Breakers                  | S2C-H02L      | 1   |
| <a href="#">2CDS200946R0001</a> | S2C-H6-11R - Accessory for Miniature Circuit Breakers                | S2C-H6-11R    | 1   |
| <a href="#">2CDS200946R0002</a> | S2C-H6-20R - Accessory for Miniature Circuit Breakers                | S2C-H6-20R    | 1   |
| <a href="#">2CDS200946R0003</a> | S2C-H6-02R - Accessory for Miniature Circuit Breakers                | S2C-H6-02R    | 1   |
| <a href="#">2CDS200909R0001</a> | S2C-A1 - Accessory for Miniature Circuit Breakers                    | S2C-A1        | 1   |
| <a href="#">2CDS200909R0002</a> | S2C-A2 - Accessory for Miniature Circuit Breakers                    | S2C-A2        | 1   |
| <a href="#">2CSS200911R0001</a> | S2C-UA 12 DC - Undervoltage release                                  | S2C-UA 12 DC  | 1   |
| <a href="#">2CSS200911R0002</a> | S2C-UA 24 AC - Undervoltage release                                  | S2C-UA 24 AC  | 1   |
| <a href="#">2CSS200911R0003</a> | S2C-UA 48 AC - Undervoltage release                                  | S2C-UA 48 AC  | 1   |
| <a href="#">2CSS200911R0004</a> | S2C-UA 110 AC - Undervoltage release                                 | S2C-UA 110 AC | 1   |
| <a href="#">2CSS200911R0005</a> | S2C-UA 230 AC - Undervoltage release                                 | S2C-UA 230 AC | 1   |
| <a href="#">2CSS200911R0006</a> | S2C-UA 400 AC - Undervoltage release                                 | S2C-UA 400 AC | 1   |
| <a href="#">2CSS200911R0007</a> | S2C-UA 24 DC - Undervoltage release                                  | S2C-UA 24 DC  | 1   |
| <a href="#">2CSS200911R0008</a> | S2C-UA 48 DC - Undervoltage release                                  | S2C-UA 48 DC  | 1   |
| <a href="#">2CSS200911R0009</a> | S2C-UA 110 DC - Undervoltage release                                 | S2C-UA 110 DC | 1   |
| <a href="#">2CSS200911R0010</a> | S2C-UA 230 DC - Undervoltage release                                 | S2C-UA 230 DC | 1   |
| <a href="#">2CSS201997R0013</a> | S2C-CM1 - Motor operating device                                     | S2C-CM1       | 1   |
| <a href="#">2CSS203997R0013</a> | S2C-CM2/3 - Motor operating device                                   | S2C-CM2/3     | 1   |
| <a href="#">2CSS204997R0013</a> | S2C-CM4 - Motor operating device                                     | S2C-CM4       | 1   |
| <a href="#">GHS2001901R0003</a> | S2C-DH - Mechanical Accessories                                      | S2C-DH        | 1   |
| <a href="#">2CSS200998R0001</a> | S2C-BP - Mechanical tripping device                                  | S2C-BP        | 1   |
| <a href="#">2CSS200999R0001</a> | S2C-EST - Plug-in base                                               | S2C-EST       | 1   |
| <a href="#">2CDS200918R0001</a> | S2C-NT - Accessory for Miniature Circuit Breakers                    | S2C-NT        | 1   |
| <a href="#">2CCA880100R0001</a> | Sensor 18mm, 80A AC, DC, TRMS, mounting for pro M compact & SMISLINE | CMS-100PS     | 1   |
| <a href="#">2CCA880101R0001</a> | Sensor 18mm, 40A AC, DC, TRMS, mounting for pro M compact & SMISLINE | CMS-101PS     | 1   |
| <a href="#">2CCA880102R0001</a> | Sensor 18mm, 20A AC, DC, TRMS, mounting for pro M compact & SMISLINE | CMS-102PS     | 1   |

**Where Used (as a spare part for "Products")** [Show accessory images](#)

2 Products (0 listed / 2 unlisted) Filter

| Identifier            | Description              | Qty | Unit Of Measure |
|-----------------------|--------------------------|-----|-----------------|
| ACS 1000              | No Description Available | 1   | piece           |
| ACS 5000 Water Cooled | No Description Available | 1   | piece           |

**Product specific part data**Filter 

| Product               | Nodes                                | Drive Part Category          |
|-----------------------|--------------------------------------|------------------------------|
| ACS 1000              | <a href="#">ACS1000</a>              | Switches, Relays, Contactors |
| ACS 5000 Water Cooled | <a href="#">ACS5000 water cooled</a> | Switches, Relays, Contactors |

**Ordering**

|                         |               |
|-------------------------|---------------|
| EAN:                    | 4016779523325 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85362010      |

**Dimensions**

|                     |          |
|---------------------|----------|
| Product Net Width:  | 17.5 mm  |
| Product Net Height: | 88 mm    |
| Product Net Depth:  | 69 mm    |
| Product Net Weight: | 0.125 kg |

**Container Information**

|                               |               |
|-------------------------------|---------------|
| Package Level 1 Units:        | 10 piece      |
| Package Level 1 Width:        | 92 mm         |
| Package Level 1 Height:       | 80 mm         |
| Package Level 1 Length:       | 183 mm        |
| Package Level 1 Gross Weight: | 1.295 kg      |
| Package Level 1 EAN:          | 4016779606691 |

**Technical**

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Standards:                       | IEC/EN 60898-1<br>IEC/EN 60947-2<br>UL 1077 |
| Rated Current (I <sub>n</sub> ): | 2 A                                         |
| Number of Poles:                 | 1                                           |
| Power Loss:                      | 1.8 W<br>Per Pole 1.8 W                     |
| Rated Voltage (U <sub>r</sub> ): | 230 V AC                                    |

**Environmental**

|                                                 |                                                                  |
|-------------------------------------------------|------------------------------------------------------------------|
| Ambient Air Temperature:                        | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C               |
| Resistance to Shock acc. to IEC 60068-2-27:     | 25g / 2 shocks / 13 ms                                           |
| Resistance to Vibrations acc. to IEC 60068-2-6: | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 I <sub>n</sub> |
| RoHS Status:                                    | Following EU Directive 2002/95/EC August 18, 2005 and amendment  |

**Technical UL/CSA**

|                                     |                                               |
|-------------------------------------|-----------------------------------------------|
| Maximum Operating Voltage UL/CSA:   | 277 V AC                                      |
| Interrupting Rating acc. to UL1077: | 6 kA                                          |
| Connecting Capacity UL/CSA:         | Busbar 18 ... 8 AWG<br>Conductor 18 ... 4 AWG |
| Tightening Torque UL/CSA:           | 25 in-lb                                      |

**Certificates and Declarations (Document Number)**

|                                 |                                 |
|---------------------------------|---------------------------------|
| Declaration of Conformity - CE: | <a href="#">2CDK403001D0602</a> |
| RoHS Information:               | <a href="#">2CDK400003K0201</a> |

**Classifications**

|                             |                                            |
|-----------------------------|--------------------------------------------|
| Object Classification Code: | F                                          |
| E-nummer:                   | 2100504                                    |
| ETIM 4.0:                   | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 5.0:                   | EC000042 - Miniature circuit breaker (MCB) |
| UNSPSC:                     | 39121600                                   |
| eClass:                     | 7.0 27141901                               |

