

## Informations générales

|                               |  |
|-------------------------------|--|
| <b>Extended Product Type:</b> | S202-D20   |
| <b>Id du produit:</b>         | 2CDS252001R0201  |
| <b>EAN:</b>                   | 4016779530637  |
| <b>Description catalogue:</b> | Miniature Circuit Breaker - S200 - 2P - D - 20 A   |
| <b>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. |

## Catégories

Produits » Produits basse tension » Appareillage modulaire et parafoudres » Disjoncteurs ≤63A SN201/S200

## Accessoires [Montrer des images accessoires](#)

| Identificateur                  | Description  | Type          | qté |
|---------------------------------|--|---------------|-----|
| <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   |
| <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="#">2CDS200912R0001</a> | S2C-H6R - Accessory for Miniature Circuit Breakers                   | S2C-H6R       | 1   |
| <a href="#">2CDS200918R0001</a> | S2C-NT - Accessory for Miniature Circuit Breakers                    | S2C-NT        | 1   |
| <a href="#">2CDS200922R0001</a> | S2C-S/H6R - Accessory for Miniature Circuit Breakers                 | S2C-S/H6R     | 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="#">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="#">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="#">2CSS200998R0001</a> | S2C-BP - Mechanical tripping device                                  | S2C-BP        | 1   |
| <a href="#">2CSS200999R0001</a> | S2C-EST - Plug-in base   | S2C-EST       | 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   |

## Ordering

|                                  |               |
|----------------------------------|---------------|
| <b>EAN:</b>                      | 4016779530637 |
| <b>Quantité minimum:</b>         | 1 piece       |
| <b>Nombre des douanes tarif:</b> | 85362010      |

## Dimensions

|                            |         |
|----------------------------|---------|
| <b>Product Net Width:</b>  | 35 mm   |
| <b>Product Net Depth:</b>  | 69 mm   |
| <b>Product Net Height:</b> | 88 mm   |
| <b>Poids net:</b>          | 0.25 kg |

## Container Information

|   |               |
|---|---------------|
| <b>Niveau de l'unité d'emballage 1:</b> | 5 piece       |
| <b>Package Level 1 Width:</b>           | 92 mm         |
| <b>Package Level 1 Length:</b>          | 183 mm        |
| <b>Package Level 1 Height:</b>          | 80 mm         |
| <b>Package Level 1 Gross Weight:</b>    | 1.3 kg        |
| <b>Package Level 1 EAN:</b>             | 4016779608442 |

## Environmental

|  |   |
|--|---|
| <b>Température de l'air ambiant:</b>                   | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C              |
| <b>Resistance to Shock acc. to IEC 60068-2-27:</b>     | 25g / 2 shocks / 13 ms  |
| <b>Resistance to Vibrations acc. to IEC 60068-2-6:</b> | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In            |
| <b>Environmental Conditions:</b>                       | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 %       |
| <b>RoHS Status:</b>                                    | Following EU Directive 2002/95/EC August 18, 2005 and amendment |

## Technical

|   |  |
|---|--|
| <b>Standards:</b>   | IEC/EN 60898-1<br>IEC/EN 60947-2<br>UL 1077  |
| <b>Nombre de pôles:</b>   | 2  |
| <b>Tripping Characteristic:</b>   | D  |
| <b>Rated Current (I<sub>n</sub>):</b>   | 20 A   |
| <b>Tension assigné d'emploi:</b>  | acc. to IEC60898-1 400 V AC<br>acc. to IEC60947-2 440 V AC   |
| <b>Power Loss:</b>  | 4.6 W<br>per Pole 2.3 W  |
| <b>Tension assignée d'isolement (U<sub>i</sub>):</b>                            | acc. to IEC/EN 60664-1 440 V   |
| <b>Operational Voltage:</b>   | Maximum (Incl. Tolerance) 125 V DC<br>Maximum (Incl. Tolerance) 440 V AC<br>Minimum 12 V AC / 12 V DC  |
| <b>Fréquence assignée (f):</b>  | 50 Hz<br>60 Hz   |
| <b>Rated Short-Circuit Capacity (I<sub>cn</sub>):</b>                           | 6 kA   |
| <b>Pouvoir assigné de coupure ultime en court-circuit (I<sub>cu</sub>):</b>     | 10 kA  |
| <b>Pouvoir assigné de coupure de service en court-circuit (I<sub>cs</sub>):</b> | 7.5 kA   |
| <b>Energy Limiting Class:</b>   | 3  |
| <b>Catégorie de Surtension:</b>   | III  |
| <b>Degré de pollution:</b>  | 3  |
| <b>Tension assignée de tenue aux chocs (U<sub>imp</sub>):</b>                   | 4 kV<br>(6.2 kV @ sea level) kV<br>(5.0 kV @ 2000 m) kV  |
| <b>Dielectric Test Voltage:</b>   | 50 / 60 Hz, 1 min: 2 kV  |
| <b>Housing Material:</b>  | Insulation Group II, RAL 7035  |
| <b>Actuator Type:</b>   | Insulation group II, black, sealable   |
| <b>Actuator Marking:</b>  | I / O  |
| <b>Contact Position Indication:</b>   | Red ON / Green OFF   |
| <b>Degree of Protection:</b>  | IP20   |
| <b>Remarks:</b>   | IP40 in enclosure with cover   |
| <b>Electrical Endurance:</b>  | 20000 AC cycle   |
| <b>Mechanical Endurance:</b>  | 20000 cycle  |
| <b>Terminal Type:</b>   | Screw Terminals  |
| <b>Screw Terminal Type:</b>   | Failsafe Bi-directional Cylinder-lift Terminal   |
| <b>Connecting Capacity:</b>   | Busbar 10 / 10 mm <sup>2</sup><br>Flexible with Ferrule 0.75 ... 25 mm <sup>2</sup><br>Flexible 0.75 ... 25 mm <sup>2</sup><br>Rigid 0.75 ... 35 mm <sup>2</sup><br>Stranded 0.75 ... 35 mm <sup>2</sup> |
| <b>Tightening Torque:</b>   | 2.8 N·m  |
| <b>Recommended Screw Driver:</b>  | Pozidriv 2   |
| <b>Mounting on DIN Rail:</b>  | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715<br>TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715   |
| <b>Mounting Position:</b>   | Any  |

## Technical UL/CSA

|  |   |
|--|---|
| <b>Maximum Operating Voltage UL/CSA:</b>   | 480Y / 277 V AC                               |
| <b>Connecting Capacity UL/CSA:</b>         | Busbar 18 ... 8 AWG<br>Conductor 18 ... 4 AWG |
| <b>Tightening Torque UL/CSA:</b>           | 25 in·lb                                      |
| <b>Interrupting Rating acc. to UL1077:</b> | 6 kA  |

## Certificates and Declarations (Document Number)

|  |                 |
|--|-----------------|
| <b>Declaration of Conformity - CE:</b> | 2CDK403001D0602 |
| <b>RoHS Information:</b>               | 2CDK400003K0201 |

## Classifications

|                  |  |
|------------------|--|
| <b>eClass:</b>   | 7.0 27141901                               |
| <b>E-number:</b> | 2100652                                    |
| <b>ETIM 4.0:</b> | EC000042 - Miniature circuit breaker (MCB) |

**ETIM 5.0:** EC000042 - Miniature circuit breaker (MCB)  
**Object Classification Code:** F  
**UNSPSC:** 39121614

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