

## PRODUCT-DETAILS

# S202L-C25

## S202L-C25 Miniature Circuit Breaker - 2P - C - 25 A



### Algemene informatie

|               |                                                     |
|---------------|-----------------------------------------------------|
| Type          | S202L-C25                                           |
| Artikelnummer | 2CDS242701R0254                                     |
| EAN           | 4016779598507                                       |
| Omschrijving  | S202L-C25 Miniature Circuit Breaker - 2P - C - 25 A |
| Omschrijving  | S202L-C 25 MiniCircuitBreaker C-Char.,4,5kA,25A,2P  |

### Technical

|                                                     |                                                              |
|-----------------------------------------------------|--------------------------------------------------------------|
| Normen                                              | IEC/EN 60898-1<br>IEC/EN 60947-2                             |
| Uitschakelkenmerk                                   | C                                                            |
| Nominaal<br>bedrijfsvoltage                         | acc. to IEC 60898-1 400 V AC<br>acc. to IEC 60947-2 400 V AC |
| Operationeel voltage                                | Maximum (Incl. Tolerance) 440 V AC<br>Minimum 12 V AC        |
| Nominaal isolatievoltage<br>(U <sub>i</sub> )       | acc. to IEC/EN 60664-1 440 V                                 |
| Nominale impuls<br>grensvoltage (U <sub>imp</sub> ) | 4 kV<br>at 2000 m 5 kV<br>at Sea Level 6.2 kV                |
| Diëlektrische<br>testspanning                       | 50/60 Hz, 1 min: 2 kV                                        |
| Ingangsspanningstype                                | AC                                                           |
| Toegekende stroom (I <sub>n</sub> )                 | 25 A                                                         |
| Nominaal<br>kortsluitvermogen (I <sub>cn</sub> )    | (AC) 4.5 kA<br>(DC) 4.5 kA                                   |

|                                                             |                                                                                                                                                                                                          |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                             | (400 V AC) 4.5 kA                                                                                                                                                                                        |
| Nominaal ultiem<br>kortsluitvermogen ( $I_{cu}$ )           | (230 V AC) 10 kA<br>(400 V AC) 6 kA                                                                                                                                                                      |
| Nominale<br>voorwaardelijke<br>kortsluitstroom ( $I_{nc}$ ) | (400 V) 6 kA                                                                                                                                                                                             |
| Nominaal vermogen<br>kortsluitvermogen ( $I_{cs}$ )         | (230 V AC) 7.5 kA<br>(400 V AC) 4.5 kA                                                                                                                                                                   |
| Toegekende frequentie<br>(f)                                | 50 / 60 Hz                                                                                                                                                                                               |
| Vermogensverlies                                            | 6.4 W<br>at Rated Operating Conditions per Pole 3.2 W                                                                                                                                                    |
| Aansluiting voeding                                         | Arbitrary                                                                                                                                                                                                |
| Onderbreking                                                | ON / OFF                                                                                                                                                                                                 |
| Energiebeperkende<br>klasse                                 | 3                                                                                                                                                                                                        |
| Elektrisch<br>uithoudingsvermogen                           | 20000 AC cycle<br>20000 cycle                                                                                                                                                                            |
| Aantal polen                                                | 2                                                                                                                                                                                                        |
| Aantal beveiligde polen                                     | 2                                                                                                                                                                                                        |
| Overspanningscategorie                                      | III                                                                                                                                                                                                      |
| Aanhaalmoment                                               | 2.8 N·m                                                                                                                                                                                                  |
| Bedieningswijze                                             | Toggle                                                                                                                                                                                                   |
| Type schroefklem                                            | Failsafe Bi-directional Cylinder-lift Terminal                                                                                                                                                           |
| Aansturingsmarkering                                        | I / O                                                                                                                                                                                                    |
| Aansturingsmateriaal                                        | Insulation Group II, Black, Sealable                                                                                                                                                                     |
| Materiaal behuizing                                         | Insulation Group I, RAL 7035                                                                                                                                                                             |
| Montage op DIN-rail                                         | 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                                                                                           |
| Plaats van inbouw                                           | Any                                                                                                                                                                                                      |
| Aanbevolen<br>schroevendraaier                              | Pozidriv 2                                                                                                                                                                                               |
| Accessoires beschikbaar                                     | Yes                                                                                                                                                                                                      |
| Verbindingscapaciteit                                       | Busbar 10 / 10 mm <sup>2</sup><br>Flexible with Ferrule 0.75 ... 16 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> |
| Installatiegrootte                                          | acc. to DIN 43880 1                                                                                                                                                                                      |
| Kabelstriplengte                                            | 12.5 mm                                                                                                                                                                                                  |
| Terminaltype                                                | Schroef                                                                                                                                                                                                  |

## Environmental

|                                                        |                                                           |
|--------------------------------------------------------|-----------------------------------------------------------|
| Omgevingsluchttempera<br>tuur                          | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C        |
| Referentie<br>omgevingsluchttempera<br>tuur            | 30 °C                                                     |
| Beschermingsgraad                                      | IP20<br>Enclosure with Cover IP40                         |
| Verontreinigingsgraad                                  | 3                                                         |
| Milieu-omstandigheden                                  | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 % |
| Weerstand tegen<br>trillingen volgens IEC<br>60068-2-6 | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In      |
| Schokweerstand volgens<br>IEC 60068-2-27               | 25g / 2 shocks / 13 ms                                    |
| RoHS-status                                            | Following EU Directive 2011/65/EU                         |

Milieu-informatie

2CDK400030D0201

## Technical UL/CSA

Verbindingscapaciteit  
UL/CSA

Busbar 18-8 AWG  
Conductor 18-4 AWG

## Dimensions

|                                |          |
|--------------------------------|----------|
| Breedte in module-eenheden     | 2        |
| Product netto breedte          | 35 mm    |
| Product netto hoogte           | 88 mm    |
| Product netto diepte           | 69 mm    |
| Product netto gewicht          | 0.25 kg  |
| Pool netto gewicht             | 0.125 kg |
| Inbouwdiepte (t <sub>2</sub> ) | 69 mm    |

## Container Information

|                                |                |
|--------------------------------|----------------|
| Pakketniveau 1 Units           | carton 5 stuk  |
| Pakketniveau 1 Breedte         | 92 mm          |
| Pakketniveau 1 Hoogte          | 80 mm          |
| Pakketniveau 1 Lengte          | 183 mm         |
| Pakketniveau 1<br>Brutogewicht | 1.3 kg         |
| Pakketniveau 1 EAN             | 4016779599108  |
| Pakketniveau 2 Units           | carton 60 stuk |
| Pakketniveau 2 Breedte         | 275 mm         |
| Pakketniveau 2 Hoogte          | 210 mm         |
| Pakketniveau 2 Lengte          | 395 mm         |
| Pakketniveau 2<br>Brutogewicht | 16 kg          |
| Pakketniveau 2 EAN             | 4016779969062  |

## Ordering

|                            |              |
|----------------------------|--------------|
| Minimale bestelhoeveelheid | 1 stuk       |
| Nummer douanetarief        | 85362010     |
| Land van herkomst          | Germany (DE) |

## Certificates and Declarations (Document Number)

|                                 |                 |
|---------------------------------|-----------------|
| Conformiteitsverklaring - CE    | 2CDK403001D0607 |
| Milieu-informatie               | 2CDK400030D0201 |
| I <sup>2</sup> t Characteristic | 9AKK107992A5102 |
| Instructies en handleidingen    | 2CDS207104P0001 |
| RoHS-informatie                 | 2CDK400003K0203 |

## Popular Downloads

|                                     |                 |
|-------------------------------------|-----------------|
| Gegevensblad, technische informatie | 9AKK107046A0423 |
|-------------------------------------|-----------------|

|                                 |                 |
|---------------------------------|-----------------|
| Instructies en handleidingen    | 2CDS207104P0001 |
| Dimensiediagram                 | 2CDC022007F0010 |
| I <sup>2</sup> t Characteristic | 9AKK107992A5102 |

## Classifications

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| ETIM 7                   | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 8                   | EC000042 - Miniature circuit breaker (MCB)                 |
| EPLAN-catalogus boom     | Electrical engineering / Protection devices / General      |
| WEEE-categorie           | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B           | Business To Consumer                                       |
| CN8                      | 8536 20 10                                                 |
| UNSPSC                   | 39121614                                                   |
| eClass                   | V11.0 : 27141901                                           |
| Object classificatiecode | F                                                          |

## Categorieën

Laagspanningsproducten en -systemen → Modulaire DIN rail producten → Installatieautomaten MCB's

