

## PRODUCT-DETAILS

# S202MT-D20

## Miniature Circuit Breaker - S200MT - 2P - D - 20 ampere



### Ogólne informacje

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Extended Product Type | S202MT-D20                                              |
| ID Produktu           | 2CDS272006R0201                                         |
| Numer EAN             | 4016779875448                                           |
| Opis katalogowy       | Miniature Circuit Breaker - S200MT - 2P - D - 20 ampere |
| Opis                  | S202MT-D20 MiniatureCircuitBreaker D-Char.,10kA,20A,2P  |

### Dane techniczne

|                                        |                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Standardy                              | IEC/EN 60898-1<br>IEC/EN 60947-2                                                                                 |
| Liczba biegunów                        | 2                                                                                                                |
| Number of Protected Poles              | 2                                                                                                                |
| Tripping Characteristic                | D                                                                                                                |
| Prąd znamionowy ( $I_n$ )              | 20 A                                                                                                             |
| Znamionowe napięcie pracy              | zgodny z IEC60898-1 400 V AC<br>zgodny z IEC60947-2 400 V AC                                                     |
| Straty mocy                            | 5.8 W<br>na biegun 2.9 W                                                                                         |
| Znamionowe napięcie izolacji ( $U_i$ ) | wg IEC/EN 60664-1 440 V                                                                                          |
| Operational Voltage                    | Maximum (Incl. Tolerance) 125 V DC<br>Maximum (Incl. Tolerance) 440 V AC<br>Maximum 440 V AC<br>Maximum 125 V DC |

|                                                                   |                                                                                                                                                                                                             |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                   | Minimum 12 V AC<br>Minimum 12 V DC                                                                                                                                                                          |
| Częstotliwość znamionowa (f)                                      | 50 Hz<br>60 Hz                                                                                                                                                                                              |
| Znamionowy prąd zwarciov (I <sub>cn</sub> )                       | (400 V AC) 10 kA                                                                                                                                                                                            |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (400 V AC) 15 kA                                                                                                                                                                                            |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )  | (400 V AC) 11.3 kA                                                                                                                                                                                          |
| Overvoltage Category                                              | III                                                                                                                                                                                                         |
| Stopień zanieczyszczenia                                          | 3                                                                                                                                                                                                           |
| Znamionowa wytrzymałość na impuls napięciowy (U <sub>imp</sub> )  | 4 kV<br>(6.2 kV @ sea level)<br>(5.0 kV @ 2000 m)                                                                                                                                                           |
| Dielectric Test Voltage                                           | 50/60 Hz, 1 min: 2 kV                                                                                                                                                                                       |
| Materiał obudowy                                                  | Insulation Group I, RAL 7035                                                                                                                                                                                |
| Actuator Material                                                 | Insulation Group II, Black, Sealable                                                                                                                                                                        |
| Actuator Marking                                                  | I / O                                                                                                                                                                                                       |
| Stopień ochrony obudowy                                           | IP20                                                                                                                                                                                                        |
| Remarks                                                           | IP40 in enclosure with cover                                                                                                                                                                                |
| Electrical Endurance                                              | 20000 AC cycle<br>20000 cycle                                                                                                                                                                               |
| Typ terminala                                                     | Screw Terminals                                                                                                                                                                                             |
| Screw Terminal Type                                               | Failsafe Bi-directional Cylinder-lift Terminal                                                                                                                                                              |
| Connecting Capacity                                               | Busbar 10 / 10 mm <sup>2</sup><br>Elastyczny z tulejką 0.75 ... 16 mm <sup>2</sup><br>Elastyczny 0.75 ... 16 mm <sup>2</sup><br>Szttywny 0.75 ... 25 mm <sup>2</sup><br>Skrećka 0.75 ... 25 mm <sup>2</sup> |
| Momenty dokrecajace                                               | 2.8 N·m                                                                                                                                                                                                     |
| Recommended Screw Driver                                          | Pozidriv 2                                                                                                                                                                                                  |
| Montaż na szynie DIN                                              | TH35-7.5 (Szyna montażowa 35 x 7.5 mm) wg IEC 60715<br>TH35-15 (Szyna montażowa 35 x 15 mm) wg IEC 60715                                                                                                    |
| Pozycja montażu                                                   | Any                                                                                                                                                                                                         |
| Built-In Depth (t <sub>2</sub> )                                  | 69 mm                                                                                                                                                                                                       |
| Installation Size                                                 | acc. to DIN 43880 1                                                                                                                                                                                         |
| Power Supply Connection                                           | Arbitrary                                                                                                                                                                                                   |

## Normy środowiskowe

|                                      |                                                             |
|--------------------------------------|-------------------------------------------------------------|
| Temperatura powietrza otoczenia      | Eksplatacja -25 ... +55 °C<br>Przechowywanie -40 ... +70 °C |
| Reference Ambient Air Temperature    | 30 °C                                                       |
| Odporność na wstrząsy IEC 60068-2-27 | 30g / 3 shocks / 11 ms                                      |
| Odporność na wibracje IEC 60068-2-6  | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In        |
| Warunki środowiskowe                 | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 %   |
| Status RoHS                          | Following EU Directive 2011/65/EU                           |

## Wymiary

|                          |         |
|--------------------------|---------|
| Szerokość produktu netto | 35 mm   |
| Głębokość produktu netto | 69 mm   |
| Wysokość produktu netto  | 88 mm   |
| Waga produktu netto      | 0.25 kg |

## Informacje o pakowaniu

|                                   |                 |
|-----------------------------------|-----------------|
| Jednostka opakowania (poziom 1)   | carton 5 sztuka |
| Szerokość opakowania (poziom 1)   | 92 mm           |
| Długość opakowania (poziom 1)     | 183 mm          |
| Wysokość opakowania (poziom 1)    | 80 mm           |
| Waga opakowania brutto (poziom 1) | 1.3 kg          |
| EAN opakowania (poziom 1)         | 4016779870580   |

## Charakterystyka zamówienia

|                            |          |
|----------------------------|----------|
| Minimalna ilość zamówienia | 1 sztuka |
| Kod taryfy celnej          | 85362010 |

## Certyfikaty i deklaracje (Numer dokumentu)

|                           |                 |
|---------------------------|-----------------|
| Deklaracja zgodności - CE | 2CDK400594D2704 |
| Informacje środowiskowe   | 9AKK107680A6947 |
| Instrukcje i podręczniki  | 2CDS207104P0001 |
| Dane RoHS                 | 2cdk400594d2703 |

## Najczęściej Pobierane

|                                       |                 |
|---------------------------------------|-----------------|
| Arkusze danych, informacja techniczna | 2CDC002053D0204 |
| Instrukcje i podręczniki              | 2CDS207104P0001 |

## Klasyfikacje

|                  |                                            |
|------------------|--------------------------------------------|
| Kod klasyfikacji | F                                          |
| ETIM 6           | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7           | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 8           | EC000042 - Miniature circuit breaker (MCB) |
| eClass           | V11.0 : 27141901                           |
| UNSPSC           | 39121614                                   |

## 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           |

## Kategorie

Produkty niskiego napięcia i systemy → Aparatura modułowa na szynę DIN → Wyłączniki nadmiarowo-prądowe

