

## PRODUCT-DETAILS

# S203MT-Z32

## S203MT-Z32 Miniature Circuit Breakers MCBs - 3P - Z - 32 A



### Algemene informatie

|               |   |
|---------------|---|
| Type          | S203MT-Z32  |
| Artikelnummer | 2CDS273445R0538   |
| EAN           | 4016779128070   |
| Omschrijving  | S203MT-Z32 Miniature Circuit Breakers MCBs - 3P - Z - 32 A  |
| Omschrijving  | S203MT-Z32 Miniature Circuit Breaker Z-Char.. 10kA, 32A, 3P |

### Technical

|  |   |
|--|---|
| Normen                                     | IEC/EN 60898-1, IEC/EN 60947-2, UL 1077, CSA 22.2 No. 235 |
| Uitschakelkenmerk                          | Z   |
| Toegekende spanning ( $U_r$ )              | 440 V   |
| Nominaal bedrijfsvoltage                   | acc. to IEC 60947-2 230 V                                 |
| Operationeel voltage                       | Minimum 12 V AC / 12 V DC                                 |
| Nominaal isolatievoltage ( $U_i$ )         | acc. to IEC/EN 60664-1 440 V                              |
| Nominale impuls grensvoltage ( $U_{imp}$ ) | 4 kV<br>at 2000 m 5 kV<br>at Sea Level 6.2 kV             |
| Diëlektrische testspanning                 | 50/60 Hz, 1 min: 2 kV                                     |
| Ingangsspanningstype                       | AC  |
| Toegekende stroom ( $I_n$ )                | 32 A  |
| Nominaal kortsluitvermogen                 | 10 kA   |
| Nominaal uliem                             | 15 kA   |

|   |   |
|---|---|
| kortsluitvermogen ( $I_{cu}$ )                      | (230 V) 15 kA<br>(400 V) 15 kA  |
| Nominaal vermogen<br>kortsluitvermogen ( $I_{cs}$ ) | 11.2 kA   |
| Toegekende frequentie (f)                           | 50 / 60 Hz  |
| Vermogensverlies                                    | 12.6 W  |
| Energiebeperkende klasse                            | 3   |
| Mechanisch uithoudingsvermogen                      | 20000 cycle   |
| Aantal polen  | 3   |
| Aantal beveiligde polen                             | 3   |
| Aantal module-eenheden per DIN-rail                 | 3   |
| Overspanningscategorie                              | III   |
| Aanhaalmoment                                       | 2.8 N·m   |
| 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 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 ... 25 mm <sup>2</sup><br>Stranded 0.75 ... 35 mm <sup>2</sup> |
| Installatiegrootte                                  | acc. to DIN 43880 3   |
| Terminaltype  | Schroef   |

## Environmental

|  |  |
|--|--|
| Omgevingsluchttemperatuur                        | Werking -40 ... +70 °C<br>Opslag -40 ... 75 °C                         |
| Beschermingsgraad                                | Enclosure with Cover IP20  |
| Verontreinigingsgraad                            | 3  |
| Milieu-omstandigheden                            | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 %              |
| Weerstand tegen trillingen volgens IEC 60068-2-6 | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In                   |
| Schokweerstand volgens IEC 60068-2-27            | 25g / 2 shocks / 13 ms   |
| RoHS-status                                      | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| REACH-verklaring                                 | 9AKK107492A1906  |

## Dimensions

|                        |          |
|------------------------|----------|
| Product netto breedte  | 52.5 mm  |
| Product netto hoogte   | 88 mm    |
| Product netto diepte   | 69 mm    |
| Product netto gewicht  | 0.375 kg |
| Pool netto gewicht     | 0.115 kg |
| Inbouwdiepte ( $t_2$ ) | 69 mm    |

## Container Information

|                        |             |
|------------------------|-------------|
| Pakketniveau 1 Units   | doos 1 stuk |
| Pakketniveau 1 Breedte | 92 mm       |

|                                |               |
|--------------------------------|---------------|
| Pakketniveau 1 Hoogte          | 80 mm         |
| Pakketniveau 1 Lengte          | 58 mm         |
| Pakketniveau 1<br>Brutogewicht | 0.387 kg      |
| Pakketniveau 1 EAN             | 4016779132947 |
| Pakketniveau 2 Units           | doos 36 stuk  |
| Pakketniveau 2 Breedte         | 275 mm        |
| Pakketniveau 2 Hoogte          | 210 mm        |
| Pakketniveau 2 Lengte          | 395 mm        |
| Pakketniveau 2<br>Brutogewicht | 14.8 kg       |
| Pakketniveau 2 EAN             | 4053546059663 |

## Ordering

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

## Certificates and Declarations (Document Number)

|                                 |                 |
|---------------------------------|-----------------|
| Certificatieagentschap          | EN<br>IEC       |
| Conformiteitsverklaring -<br>CE | 2CQB100288      |
| Instructies en<br>handleidingen | 2CDS207104P0002 |
| REACH-verklaring                | 9AKK107492A1906 |
| RoHS-informatie                 | 2CQB100288      |

## Popular Downloads

|  |                 |
|--|-----------------|
| Gegevensblad, technische<br>informatie | 9AKK108467A7598 |
| Instructies en<br>handleidingen        | 2CDS207104P0002 |

## 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) |
| AEEA B2C / B2B                          | Business To Business                                       |
| CN8                                     | 8536 20 10   |
| UNSPSC                                  | 39121603   |
| eClass                                  | V11.0 : 27141901   |
| IGCC (IDEA granulaire<br>categoriecode) | 4897 >> Miniature circuit breakers                         |
| Object classificatiecode                | F  |

## 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           |

## Categorieën

Laagspanningsproducten en -systemen → Modulaire DIN rail producten → Miniature Circuit Breakers MCBs → Installatieautomaten MCB's

