

PRODUCT-DETAILS

S203MT-D63

S203MT-D63 Miniature Circuit Breakers MCBs - 3P - D - 63 A



General Information

| | |
|-----------------------|---|
| Extended Product Type | S203MT-D63 |
| Product ID | 2CDS273445R0631 |
| EAN | 4016779125413 |
| Catalog Description | S203MT-D63 Miniature Circuit Breakers MCBs - 3P - D - 63 A |
| Long Description | S203MT-D63 Miniature Circuit Breaker D-Char.. 10kA, 63A, 3P |

Technical

| | |
|---|---|
| Standards | IEC/EN 60898-1, IEC/EN 60947-2, UL 1077, CSA 22.2 No. 235 |
| Tripping Characteristic | D |
| Rated Voltage (U_r) | 440 V |
| Rated Operational Voltage | acc. to IEC 60898-1 400 V acc. to IEC 60947-2 230 V |
| Operational Voltage | Maximum (Incl. Tolerance) 253 V AC Maximum (Incl. Tolerance) 66 V DC Minimum 12 V AC Minimum 12 V DC |
| Rated Insulation Voltage (U_i) | acc. to IEC/EN 60664-1 440 V |
| Rated Impulse Withstand Voltage (U_{imp}) | 4 kV at 2000 m 5 kV at Sea Level 6.2 kV |
| Dielectric Test Voltage | 50/60 Hz, 1 min: 2 kV |
| Input Voltage Type | AC |
| Rated Current (I_n) | 63 A |
| Rated Short-Circuit | 10 kA |

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|---|---|
| Capacity | |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) | 15 kA (230 V) 15 kA (400 V) 15 kA |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}) | 7.5 kA |
| Rated Frequency (f) | 50 / 60 Hz |
| Power Loss | 14.4 W |
| Energy Limiting Class | 3 |
| Mechanical Endurance | 20000 cycle |
| Number of Poles | 3 |
| Number of Protected Poles | 3 |
| Number of Modular Spacings per DIN Rail | 3 |
| Overvoltage Category | III |
| Tightening Torque | 2.8 N·m |
| Screw Terminal Type | Failsafe Bi-directional Cylinder-lift Terminal |
| Actuator Marking | I / O |
| Actuator Material | Insulation Group II, Black, Sealable |
| Housing Material | Insulation Group I, RAL 7035 |
| Mounting on DIN Rail | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Mounting Position | any |
| Recommended Screw Driver | Pozidriv 2 |
| Accessories Available | Yes |
| Connecting Capacity | Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 16 mm ² Flexible 0.75 ... 25 mm ² Stranded 0.75 ... 35 mm ² |
| Installation Size | acc. to DIN 43880 3 |
| Terminal Type | Screw Terminals |

Environmental

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|--|--|
| Ambient Air Temperature | Operation -40 ... +70 °C Storage -40 ... 75 °C |
| Degree of Protection | Enclosure with Cover IP20 |
| Pollution Degree | 3 |
| Environmental Conditions | 28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 % |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In |
| Resistance to Shock acc. to IEC 60068-2-27 | 25g 2 shocks 13 ms |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Information | 2CQB100288 |
| REACH Declaration | 9AKK107492A1906 |

Dimensions

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|----------------------------|----------|
| Product Net Width | 52.5 mm |
| Product Net Height | 88 mm |
| Product Net Depth / Length | 69 mm |
| Product Net Weight | 0.375 kg |
| Pole Net Weight | 0.115 kg |
| Built-In Depth (t_2) | 69 mm |

Ordering

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|------------------------------|-------------|
| Minimum Order Quantity | 1 piece |
| Package Level 1 Units | box 1 piece |
| Package Level 1 Gross Weight | 0.387 kg |

Certificates and Declarations

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|-----------------------------------|------------|
| Certification Agency | EN IEC |
| Declaration of Conformity - CE | 2CQB100288 |

Installation

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|--------------------------|-----------------|
| Instructions and Manuals | 2CDS207104P0002 |
|--------------------------|-----------------|

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK108467A7598 |
|-----------------------------------|-----------------|

Classifications

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|------------------------------------|--|
| ETIM 8 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 9 | EC000042 - Miniature circuit breaker (MCB) |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Business |
| CN8 | 8536 20 10 |
| UNSPSC | 39121603 |
| eClass | V11.0 : 27141901 |
| IDEA Granular Category Code (IGCC) | 4897 >> Miniature circuit breakers |
| Object Classification Code | 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 |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs → Miniature Circuit Breakers MCBs

