

PRODUCT-DETAILS

DS202C M C6 A30

DS202C M C6 A30 Residual Current Circuit Breaker with Overcurrent Protection



General Information

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|-----------------------|---|
| Extended Product Type | DS202C M C6 A30 |
| Product ID | 2CSR272140R1064 |
| EAN | 8012542118855 |
| Catalog Description | DS202C M C6 A30 Residual Current Circuit Breaker with Overcurrent Protection |
| Long Description | The DS202C series RCBO is a 2P in two-modules device for the protection of end user single-phase circuits against overload and short-circuit currents. Protection against the effects of sinusoidal alternating and direct pulsating earth fault currents. Protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA). |

Technical

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|------------------------------------|--|
| Standards | IEC 61009-1 IEC 61009-2-1 EN 61009-1 EN 61009-2-1 |
| Tripping Characteristic | C |
| Type of Residual Current | A type |
| Rated Voltage (U_r) | 230-240 V AC |
| Rated Operational Voltage | 230 / 240 V AC |
| Rated Insulation Voltage (U_i) | 500 V |
| Rated Impulse Withstand | 4 kV |

Voltage (U_{imp})

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|--|--|
| Input Voltage Type | AC |
| Rated Current (I_n) | 6 A |
| Rated Residual Current | 30 mA |
| Rated Short-Circuit Capacity | 10 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) | 10 kA |
| Rated Conditional Short-Circuit Current (I_{nc}) | 10 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs}) | 10 kA |
| Leakage Current Type | A |
| Frequency (f) | 50/60 Hz |
| Rated Frequency (f) | 230 ... 240 V AC |
| Power Loss | 8.1 W |
| Power Supply Connection | Arbitrary |
| Energy Limiting Class | 3 |
| Electrical Endurance | 10000 cycle |
| Mechanical Endurance | 20000 cycle |
| Number of Poles | 2 |
| Number of Protected Poles | 2 |
| Operating Characteristic | Instantaneous |
| Overvoltage Category | III |
| Position of Neutral Terminals | Right Left |
| Earthing Switch Type | Undelayed |
| Release Type | C |
| Options Provided | None |
| Accessories Available | Yes |
| Connecting Capacity | Busbar 10 mm ² Rigid 25 ... 25 mm ² Flexible 25 ... 25 mm ² |
| Rated Cross-Section | 4 - Multi-Wired 1...25 mm ² 1 - Solid-Core 25...25 mm ² |

Environmental

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|---------------------------|-----------------------------------|
| Ambient Temperature | -25...55 °C |
| Ambient Air Temperature | Operation -25...55 °C |
| Degree of Protection | IP2X |
| Pollution Degree | 2 |
| RoHS Status | Following EU Directive 2011/65/EU |
| Environmental Information | 9AKK107680A8583 |

Technical UL/CSA

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|-------------------------------------|--------|
| Short-Circuit Current Rating (SCCR) | 0.03 A |
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Dimensions

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| Width in Number of Modular Spacings | 2 |
| Product Net Width | 0.035 m |
| Product Net Height | 0.085 m |
| Product Net Depth / Length | 0.069 m |
| Product Net Weight | 0.225 kg |
| Built-In Depth (t ₂) | 69 mm |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 106 mm |
| Package Level 1 Height | 40 mm |
| Package Level 1 Depth / Length | 80 mm |
| Package Level 1 Gross Weight | 0.239 kg |
| Package Level 1 EAN | 8012542118855 |
| Package Level 2 Units | box 5 piece |
| Package Level 2 Width | 0.200 m |
| Package Level 2 Height | 0.106 m |
| Package Level 2 Depth / Length | 0.080 m |
| Package Level 2 Gross Weight | 1.125 kg |
| Package Level 2 EAN | 8012542118862 |

Ordering

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|------------------------------|-----------------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85363010 |
| Replacement Product ID (NEW) | 2CSR772140R1064 |
| Country of Origin | Italy (IT) |

Certificates and Declarations (Document Number)

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|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK106713A5589 |
| Environmental Information | 9AKK107680A8583 |
| Instructions and Manuals | 9AKK106354A0766 |
| RoHS Information | 2CSC422002K2701 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107991A8329 |
| Instructions and Manuals | 9AKK106354A0766 |
| EPLAN Macro | 9AKK106930A1235 |

Classifications

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|----------------------------|--|
| ETIM 7 | EC000905 - Earth leakage circuit breaker |
| ETIM 8 | EC000905 - Earth leakage circuit breaker |
| EPLAN Catalog Tree | Electrical engineering / Protection devices / Ground fault current circuit breaker |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Consumer |
| CN8 | 85363010 |
| eClass | V11.0 : 27142207 |
| Object Classification Code | F |

Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|-----------------|--------------------------------------|---------------|----------|-----------------|
| 2CDS200912R0001 | S2C-H6R Auxiliary Contact | S2C-H6R | 1 | piece |
| 2CDS200922R0001 | S2C-S/H6R Signal / Auxiliary Contact | S2C-S/H6R | 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 |
| 2CSR201997R0013 | DS2C-CM Motor operating device | DS2C-CM | 1 | piece |
| 2CSS200910R0005 | S2C-OVP1 Overvoltage release | S2C-OVP1 | 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 |
| 2CSS200933R0011 | F2C-A1 Shunt trip | F2C-A1 | 1 | piece |
| 2CSS200933R0012 | F2C-A2 Shunt trip | F2C-A2 | 1 | piece |
| 2CSS200993R0005 | S2C-OVP2 Overvoltage release | S2C-OVP2 | 1 | piece |
| 2CSS200999R0001 | S2C-EST Plug-in base | S2C-EST | 1 | piece |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO

