



 PRODUCT-DETAILS

DS202CR M C16 A30

Residual Current Circuit Breaker with Overcurrent Protection DS202CR M - 2P - 30 mA - 16 A - C - Type A



General Information

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| Extended Product Type | DS202CR M C16 A30 |
| Product ID | 2CSR772140R1164 |
| EAN | 4022903034483 |
| Catalog Description | Residual Current Circuit Breaker with Overcurrent Protection DS202CR M - 2P - 30 mA - 16 A - C - Type A |
| Long Description | The DS202CR 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. |

ABB EcoSolutions

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| Environmental Product Declaration - EPD | 9AKK108467A5738 |
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Technical

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| Type of Residual Current | Type A |
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| Test Voltage (Ut) | 150...254 V |
| Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}) | 10 kA |
| Rated Service Short-Circuit Breaking Capacity (I _{cs}) | 7.5 kA |
| Maximum Surge Current | 0.25 kA |
| Power Supply Connection | Arbitrary |
| Energy Limiting Class | 3 |
| Electrical Endurance | 10000 operations |
| Mechanical Endurance | 20000 operations |
| Number of Protected Poles | 2 |
| Number of Poles | 2P |
| Fault Indication | Blue Flag on Window |
| Operating Characteristic | Instantaneous |
| Position of Neutral Terminals | Right Left |
| Tightening Torque | 4 N·m |
| Accessory Type | Auxiliary contact Signal contact / auxiliary contact |
| Earthing Switch Type | Undelayed |
| Accessories Available | Yes |
| Number of Batteries | 0 |
| Connecting Capacity | Busbar 10...10 mm ² Flexible 1...25 mm ² Rigid Solid 1...35 mm ² |
| Rated Cross-Section | 1 - Solid-Core 1 ... 35 mm ² 4 - Multi-Wired 1 ... 25 mm ² |
| Wire Stripping Length | 11 mm |

Electrical

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| Tripping Characteristic | C |
| Rated Operational Voltage | acc. to IEC 60898-1 230 V |
| Rated Insulation Voltage (U _i) | acc. to IEC/EN 60664-1 440 V |
| Rated Impulse Withstand Voltage (U _{imp}) | 4 kV |
| Input Voltage Type | AC |
| Rated Current (I _n) | 16 A |
| Rated Residual Current | 30 mA |
| Rated Short-Circuit Capacity | 10 kA |
| Rated Frequency (f) | 50 Hz |
| Power Loss | 4.20 W |
| Overvoltage Category | III |

Material Compliance

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| RoHS Declaration | 9AKK108466A5162 |
| RoHS Information | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date | 20220211 |

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|---------------------------------------------|------------------------------------------------------------|
| REACH Declaration | 9AKK108467A9482 |
| REACH Information | True - contains substances > 0.1 mass percentage |
| REACH Date | 20220525 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |
| SCIP | 16d43f0f-58e2-46e4-9af9-ecaae7a78c5e Poland |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Consumer |

Environmental

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|--------------------------|----------------------------------------------------------|
| Ambient Air Temperature | Operation -25 ... 55 °C |
| Degree of Protection | IP20 |
| Pollution Degree | 3 |
| Environmental Conditions | 28 cycle with 55 °C / 90-96 % and 25 °C / 95-100 % |

Dimensions

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| Width in Number of Modular Spacings | 2 |
| Product Net Width | 36 mm |
| Product Net Height | 86 mm |
| Product Net Depth / Length | 72 mm |
| Product Net Weight | 0.220 kg |
| Built-In Depth (t ₂) | 72 mm |

Ordering

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| Package Level 1 Units | box 1 piece |
| Package Level 1 Gross Weight | 0.245 kg |
| E-Number (Norway) | 1629810 |

Certificates and Declarations

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| ABS Certificate | 9AKK108467A7630 |
| Declaration of Conformity - CE | 9AKK108470A7536 |
| IMQ Certificate | 9AKK108467A6462 |
| NF Certificate | 9AKK108467A7737 |
| RINA Certificate | 9AKK108467A7089 |
| VDE Certificate | 9AKK108467A7823 |

Installation

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| Instructions and Manuals | 9AKK108466A5165 |
| Mounting Type | DIN-Rail |
| Mounting Position | Any |

Popular Downloads

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|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK108467A1864 |
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External Classifications and Standards

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|----------------------------|------------------------------------------|
| ETIM 9 | EC000905 - Earth leakage circuit breaker |
| ETIM 10 | EC000905 - Earth leakage circuit breaker |
| UNSPSC | 39121601 |
| eClass | V11.0 : 27142207 |
| Object Classification Code | F |
| Standards | IEC/EN 61009-1 IEC/EN 61009-2-1 |

Categories

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

