

PRODUCT-DETAILS

F202 AC-16/0.01

F202 AC-16/0.01 Residual Current Circuit Breaker



General Information

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|-----------------------|--|
| Extended Product Type | F202 AC-16/0.01 |
| Product ID | 2CSF202001R0160 |
| EAN | 8012542779902 |
| Catalog Description | F202 AC-16/0.01 Residual Current Circuit Breaker |
| Long Description | The RCCBs F200 series assures protection to people and installations against fault current to earth. A large offer for standard instantaneous and selective AC and A types is completed with some configurations for special applications. |

Technical

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| Standards | IEC/EN 61008 UL 1053 |
| Type of Residual Current | AC type |
| Rated Voltage (U_r) | 230 V |
| Rated Operational Voltage | 230 V |
| Rated Insulation Voltage (U_i) | 500 V |
| Rated Impulse Withstand Voltage (U_{imp}) | 4 kV |
| Rated Current (I_n) | 16 A |
| Rated Residual Current | 10 mA |

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| Rated Conditional Short-Circuit Current (I_{nc}) | 10 kA |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}) | 1 kA |
| Maximum Surge Current | 0.25 kA |
| Leakage Current Type | AC |
| Rated Frequency (f) | 50 / 60 Hz |
| Power Loss | at Rated Operating Conditions per Pole 1.5 W |
| Power Supply Connection | Arbitrary |
| Electrical Endurance | 10000 cycle |
| Number of Poles | 2 |
| Operating Characteristic | Instantaneous |
| Mounting Type | DIN rail |
| 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 0...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 |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 0.1 mm or 1 g - 20 cycles at 5...150...5 Hz |
| Resistance to Shock acc. to IEC 60068-2-27 | 25g / 2 shocks / 13 ms |
| RoHS Status | Following EU Directive 2011/65/EU |
| Environmental Information | Refer to RoHS |

Technical UL/CSA

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|-------------------------------------|----------|
| Maximum Operating Voltage UL/CSA | 277 V AC |
| Short-Circuit Current Rating (SCCR) | 10 mA |

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 | 0.200 kg |

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| Built-In Depth (t ₂) | 69 mm |
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Container Information

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| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 80 mm |
| Package Level 1 Height | 41 mm |
| Package Level 1 Depth / Length | 94 mm |
| Package Level 1 Gross Weight | 0.235 kg |
| Package Level 1 EAN | 8012542779902 |
| Package Level 2 Units | box 6 piece |
| Package Level 2 Width | 96 mm |
| Package Level 2 Height | 85 mm |
| Package Level 2 Depth / Length | 240 mm |
| Package Level 2 Gross Weight | 1350 g |
| Package Level 2 EAN | 8012542779919 |

Ordering

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|------------------------|------------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85363030 |
| Country of Origin | Italy (IT) |

Certificates and Declarations (Document Number)

| | |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK106713A5602 |
| Environmental Information | Refer to RoHS |
| Instructions and Manuals | 9AKK107991A6127 |
| RoHS Information | 2CSC423001K2702 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107991A8329 |
| Instructions and Manuals | 9AKK107991A6127 |

Classifications

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|---------------------------|--|
| ETIM 7 | EC000003 - Residual current circuit breaker (RCCB) |
| ETIM 8 | EC000003 - Residual current circuit breaker (RCCB) |
| EPLAN Catalog Tree | Electrical engineering / Protection devices / Ground fault current circuit breaker |
| EPLAN Function Definition | Ground fault current circuit-breaker / Ground fault current circuit breakers, 4 connection points / Ground fault current circuit breaker, two-pole 1/2 2/1 3/4 4/3 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

WEEE B2C / B2B

Business To Consumer

CN8

85363030

Object Classification Code

F

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Devices RCDs

