



PRODUCT-DETAILS

# F204 AC-125/0.03

## F204 AC-125/0.03 Residual Current Circuit Breaker 4P Type AC 30 mA



| General Information   |                                                                                                                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | F204 AC-125/0.03                                                                                                                                                                                                                           |
| Product ID            | 2CSF204001R1950                                                                                                                                                                                                                            |
| EAN                   | 8012542941507                                                                                                                                                                                                                              |
| Catalog Description   | F204 AC-125/0.03 Residual Current Circuit Breaker 4P Type AC 30 mA                                                                                                                                                                         |
| 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                                           |                |
|-----------------------------------------------------|----------------|
| Standards                                           | IEC/EN 61008   |
| Type of Residual Current                            | Type AC        |
| Rated Voltage (U <sub>r</sub> )                     | 230/400 V      |
| Rated Operational Voltage                           | 230 / 400 V AC |
| Rated Insulation Voltage (U <sub>i</sub> )          | 500 V          |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 4 kV           |

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|                                                                  |                                                                                                    |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Rated Current (I <sub>n</sub> )                                  | 125 A                                                                                              |
| Rated Residual Current                                           | 30 mA                                                                                              |
| Rated Conditional Short-Circuit Current (I <sub>nc</sub> )       | 10 kA                                                                                              |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ) | 1 kA                                                                                               |
| Maximum Surge Current                                            | 0.25 kA                                                                                            |
| Leakage Current Type                                             | AC                                                                                                 |
| Rated Frequency (f)                                              | 50 Hz                                                                                              |
| Power Loss                                                       | at Rated Operating Conditions per Pole 7.5 W                                                       |
| Power Supply Connection                                          | Arbitrary                                                                                          |
| Electrical Endurance                                             | 10000 cycle                                                                                        |
| Number of Poles                                                  | 4                                                                                                  |
| Operating Characteristic                                         | Instantaneous                                                                                      |
| Position of Neutral Terminals                                    | Right                                                                                              |
| Mounting Type                                                    | DIN-Rail                                                                                           |
| Options Provided                                                 | None                                                                                               |
| Accessories Available                                            | Yes                                                                                                |
| Connecting Capacity                                              | Busbar 10 mm <sup>2</sup><br>Rigid 35 ... 35 mm <sup>2</sup><br>Flexible 35 ... 35 mm <sup>2</sup> |
| Rated Cross-Section                                              | 4 - Multi-Wired 0...25 mm <sup>2</sup><br>1 - Solid-Core 35...35 mm <sup>2</sup>                   |

**Material Compliance**

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| RoHS Information                            | 9AKK106713A5606                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 20211115                                                               |
| REACH Declaration                           | 9AKK108467A9482                                                        |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                        |
| SCIP                                        | 941b7388-e5f6-48ed-bf9e-6d5653c1c989 Italy (IT)                        |

**Environmental**

|                           |                       |
|---------------------------|-----------------------|
| Ambient Temperature       | -25...40 °C           |
| Ambient Air Temperature   | Operation -25...40 °C |
| Degree of Protection      | IP2X                  |
| Pollution Degree          | 2                     |
| Environmental Information | Refer to RoHS         |

**Technical UL/CSA**

|                                     |       |
|-------------------------------------|-------|
| Short-Circuit Current Rating (SCCR) | 30 mA |
|-------------------------------------|-------|

| Dimensions                          |          |
|-------------------------------------|----------|
| Width in Number of Modular Spacings | 4        |
| Product Net Width                   | 0.072 m  |
| Product Net Height                  | 0.085 m  |
| Product Net Depth / Length          | 0.069 m  |
| Product Net Weight                  | 0.500 kg |
| Built-In Depth (t <sub>2</sub> )    | 69 mm    |

| Ordering                     |             |
|------------------------------|-------------|
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 0.545 kg    |

| Certificates and Declarations  |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK106713A5606 |

| Installation             |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 9AKK107991A6132 |

| Popular Downloads                 |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107991A8329 |

| Classifications            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 8                     | EC000003 - Residual current circuit breaker (RCCB)         |
| ETIM 9                     | EC000003 - Residual current circuit breaker (RCCB)         |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Consumer                                       |
| CN8                        | 85363030                                                   |
| eClass                     | V11.0 : 27142201                                           |
| Object Classification Code | F                                                          |

| Accessories     |                                          |                  |          |                 |
|-----------------|------------------------------------------|------------------|----------|-----------------|
| Identifier      | Description                              | Type             | Quantity | Unit Of Measure |
| 2CSF200922R0001 | F2 125A-B S/H Signal / Auxiliary contact | F2-125A-B-S/H    | 1        | piece           |
| 2CSF200997R1214 | F2-CM4 125A-24V Motor operating device   | F2-125A-24V-CM4  | 1        | piece           |
| 2CSF200997R1205 | F2-CM4 125A-230V Motor operating device  | F2-125A-230V-CM4 | 1        | piece           |

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**Categories**

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



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