

## PRODUCT-DETAILS

# FH204 AC-25/0.03

## FH204 AC-25/0.03 Residual Current Circuit Breaker



### General Information

|                       |                                                                                                                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | FH204 AC-25/0.03                                                                                                                                                                                                                  |
| Product ID            | 2CSF204002R1250                                                                                                                                                                                                                   |
| EAN                   | 8012542892106                                                                                                                                                                                                                     |
| Catalog Description   | FH204 AC-25/0.03 Residual Current Circuit Breaker                                                                                                                                                                                 |
| Long Description      | The RCCBs FH200 series assures protection to people and installations against fault current to earth. A large offer for standard instantaneous AC and A types is particularly suitable for installation in domestic applications. |

### Technical

|                                                            |                                  |
|------------------------------------------------------------|----------------------------------|
| Standards                                                  | IEC/EN 61008                     |
| Product Name                                               | Residual Current Circuit Breaker |
| Type of Residual Current                                   | AC type                          |
| Rated Voltage ( $U_r$ )                                    | 230/400 V                        |
| Rated Operational Voltage                                  | 230/400 V                        |
| Rated Insulation Voltage ( $U_i$ )                         | 500 V                            |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )              | 4 kV                             |
| Rated Current ( $I_n$ )                                    | 25 A                             |
| Rated Residual Current                                     | 30 mA                            |
| 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 1.3 W                                      |
| Number of Poles               | 4                                                                                 |
| Operating Characteristic      | Instantaneous                                                                     |
| Position of Neutral Terminals | Right                                                                             |
| Mounting Type                 | DIN rail                                                                          |
| Options Provided              | None                                                                              |
| Accessories Available         | No                                                                                |
| Rated Cross-Section           | 4 - Multi-Wired 10...25 mm <sup>2</sup><br>1 - Solid-Core 25...25 mm <sup>2</sup> |

## Environmental

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Ambient Temperature       | -25...55 °C                                       |
| Ambient Air Temperature   | Operation -5 ... +40 °C<br>Storage -40 ... +70 °C |
| Degree of Protection      | IP2X                                              |
| RoHS Status               | Following EU Directive 2011/65/EU                 |
| Environmental Information | Refer to RoHS                                     |

## Technical UL/CSA

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

## Dimensions

|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 4       |
| Product Net Width                   | 70 mm   |
| Product Net Height                  | 69 mm   |
| Product Net Depth / Length          | 85 mm   |
| Product Net Weight                  | 0.38 kg |
| Built-In Depth (t <sub>2</sub> )    | 69 mm   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 80 mm         |
| Package Level 1 Height         | 82 mm         |
| Package Level 1 Depth / Length | 94 mm         |
| Package Level 1 Gross Weight   | 0.415 kg      |
| Package Level 1 EAN            | 8012542892106 |

## Ordering

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

Selling Unit of Measure piece

| Certificates and Declarations (Document Number) |                    |
|-------------------------------------------------|--------------------|
| Declaration of Conformity - CE                  | 9AKK106713A5603    |
| Environmental Information                       | Refer to RoHS      |
| Instructions and Manuals                        | No document needed |
| RoHS Information                                | 2CSC423001K2702    |

| Popular Downloads                 |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 2CSC400030D0202    |
| Instructions and Manuals          | No document needed |

| Classifications            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 6                     | EC000003 - Residual current circuit breaker (RCCB)         |
| ETIM 7                     | EC000003 - Residual current circuit breaker (RCCB)         |
| ETIM 8                     | 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                                                   |
| Object Classification Code | F                                                          |

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

