

## PRODUCT-DETAILS

# F204 AC-100/0.03 IEC

## F204 AC-100/0.03 IEC Residual Current Circuit Breaker



### General Information

|                       |                                                                                                                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | F204 AC-100/0.03 IEC                                                                                                                                                                                              |
| Product ID            | 2CSF204005R1900                                                                                                                                                                                                   |
| EAN                   | 8012542936800                                                                                                                                                                                                     |
| Catalog Description   | F204 AC-100/0.03 IEC Residual Current Circuit Breaker                                                                                                                                                             |
| Long Description      | The RCCBs F200 series assures protection to people and installations against fault current to earth. This product is manufactured according to international IEC standards, for the markets where it is required. |

### Technical

|                                                      |                                  |
|------------------------------------------------------|----------------------------------|
| Standards                                            | IEC 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 ( $I_n$ )                              | 100 A                            |
| Rated Residual Current                               | 30 mA                            |
| 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 8.2 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...35 mm <sup>2</sup><br>1 - Solid-Core 35...35 mm <sup>2</sup>                   |

## Environmental

|                           |                                   |
|---------------------------|-----------------------------------|
| 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 | 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                   | 0.070 m  |
| Product Net Height                  | 0.085 m  |
| Product Net Depth / Length          | 0.069 m  |
| Product Net Weight                  | 0.360 kg |
| Built-In Depth ( $t_2$ )            | 69 mm    |

## Container Information

|                                |             |
|--------------------------------|-------------|
| 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          | 0.415 kg    |

## Weight

|                     |               |
|---------------------|---------------|
| Package Level 1 EAN | 8012542936800 |
|---------------------|---------------|

---

**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 | 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**

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| 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

