

PRODUCT-DETAILS

# F204 A-63/0.3

## F204 A-63/0.3 Residual Current Circuit Breaker



### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | F204 A-63/0.3  |
| Product ID            | 2CSF204101R3630  |
| EAN                   | 8012542783909  |
| Catalog Description   | F204 A-63/0.3 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

|  |                         |
|--|-------------------------|
| Standards  | IEC/EN 61008<br>UL 1053 |
| Type of Residual Current                             | A type                  |
| Rated Voltage ( $U_r$ )                              | 230/400 V               |
| Rated Operational Voltage                            | 230 / 400 V AC          |
| Rated Insulation Voltage ( $U_i$ )                   | 500 V                   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )        | 4 kV                    |
| Input Voltage Type                                   | AC                      |
| Rated Current ( $I_n$ )                              | 63 A                    |
| Rated Residual Current                               | 300 mA                  |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | 10 kA                   |

|  |  |
|--|--|
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ) | 1 kA   |
| Leakage Current Type                                       | A  |
| Rated Frequency (f)  | 50 / 60 Hz   |
| Power Loss   | at Rated Operating Conditions per Pole 4.4 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 25 ... 25 mm <sup>2</sup><br>Flexible 25 ... 25 mm <sup>2</sup> |
| Rated Cross-Section  | 4 - Multi-Wired 0...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 -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

|                                     |                 |
|-------------------------------------|-----------------|
| Maximum Operating Voltage UL/CSA    | 480Y / 277 V AC |
| Short-Circuit Current Rating (SCCR) | 300 mA          |

## 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 Weight   | 0.415 kg      |
| Package Level 1 EAN            | 8012542783909 |
| Package Level 2 Units          | box 3 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   | 1230 g        |
| Package Level 2 EAN            | 8012542783916 |

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## Ordering

|                        |            |
|------------------------|------------|
| Minimum Order Quantity | 1 piece    |
| Customs Tariff Number  | 85363030   |
| E-Number (Finland)     | 3259464    |
| E-Number (Sweden)      | 2160131    |
| Country of Origin      | Italy (IT) |

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## Certificates and Declarations (Document Number)

|   |                 |
|---|-----------------|
| Declaration of Conformity - CE          | 9AKK106713A5602 |
| Environmental Information               | Refer to RoHS   |
| Environmental Product Declaration - EPD | 9AKK108467A3700 |
| Instructions and Manuals                | 9AKK107991A6127 |
| RoHS Information                        | 2CSC423001K2702 |

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## Popular Downloads

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

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## Classifications

|                            |   |
|----------------------------|---|
| 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, 8 connection points / Ground fault current circuit breaker, four-pole 1 2 3 4 5 6 7 8 |
| 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   |

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## Accessories

| Identifier      | Description                          | Type          | Quantity | Unit Of Measure |
|-----------------|--------------------------------------|---------------|----------|-----------------|
| 2CDS200912R0001 | S2C-H6R Auxiliary Contact            | S2C-H6R       | 2        | piece           |
| 2CDS200922R0001 | S2C-S/H6R Signal / Auxiliary Contact | S2C-S/H6R     | 2        | piece           |
| 2CDS200946R0001 | S2C-H6-11R Auxiliary Contact         | S2C-H6-11R    | 1        | piece           |
| 2CDS200946R0003 | S2C-H6-02R Auxiliary Contact         | S2C-H6-02R    | 1        | piece           |
| 2CDS200946R0002 | S2C-H6-20R Auxiliary Contact         | S2C-H6-20R    | 1        | piece           |
| 2CSS200933R0011 | F2C-A1 Shunt trip                    | F2C-A1        | 1        | piece           |
| 2CSS200933R0012 | F2C-A2 Shunt trip                    | F2C-A2        | 1        | piece           |
| 2CSS200911R0005 | S2C-UA 230 AC Undervoltage release   | S2C-UA 230 AC | 1        | piece           |
| 2CSS200911R0007 | S2C-UA 24 DC Undervoltage release    | S2C-UA 24 DC  | 1        | piece           |
| 2CSS200911R0002 | S2C-UA 24 AC Undervoltage release    | S2C-UA 24 AC  | 1        | piece           |
| 2CSS200911R0008 | S2C-UA 48 DC Undervoltage release    | S2C-UA 48 DC  | 1        | piece           |
| 2CSS200911R0004 | S2C-UA 110 AC Undervoltage release   | S2C-UA 110 AC | 1        | piece           |
| 2CSS200911R0006 | S2C-UA 400 AC Undervoltage release   | S2C-UA 400 AC | 1        | piece           |
| 2CSS200911R0001 | S2C-UA 12 DC Undervoltage release    | S2C-UA 12 DC  | 1        | piece           |
| 2CSS200911R0010 | S2C-UA 230 DC Undervoltage release   | S2C-UA 230 DC | 1        | piece           |
| 2CSS200911R0009 | S2C-UA 110 DC Undervoltage release   | S2C-UA 110 DC | 1        | piece           |
| 2CSS200911R0003 | S2C-UA 48 AC Undervoltage release    | S2C-UA 48 AC  | 1        | piece           |
| 2CSS200910R0005 | S2C-OVP1 Overvoltage release         | S2C-OVP1      | 1        | piece           |
| 2CSS200993R0005 | S2C-OVP2 Overvoltage release         | S2C-OVP2      | 1        | piece           |
| 2CSF200997R0013 | F2C-CM Motor operating device        | F2C-CM        | 1        | piece           |
| 2CSF200996R0013 | F2C-ARI Auto-reclosing unit          | F2C-ARI       | 1        | piece           |

## Categories

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

