

## PRODUCT-DETAILS

# F204 AC-40/0,5

## F204 AC-40/0,5 Residual Current Circuit Breaker



### General Information

|                       |                                                                                                                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | F204 AC-40/0,5                                                                                                                                                                                                                             |
| Product ID            | 2CSF204001R4400                                                                                                                                                                                                                            |
| EAN                   | 8012542782209                                                                                                                                                                                                                              |
| Catalog Description   | F204 AC-40/0,5 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                      |
| Operating Characteristic      | Instantaneous                                |
| Type of Residual Current      | AC type                                      |
| Rated Residual Current        | 500 mA                                       |
| Rated Current ( $I_n$ )       | 40 A                                         |
| Number of Poles               | 4                                            |
| Position of Neutral Terminals | Right                                        |
| Power Loss                    | at Rated Operating Conditions per Pole 3.2 W |
| Rated Voltage ( $U_r$ )       | 230/400 V                                    |

|                                                            |                                                                                                  |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Rated Frequency (f)                                        | 50/60 Hz                                                                                         |
| Ambient Air Temperature                                    | Operation -25...55 °C                                                                            |
| Connecting Capacity                                        | Busbar 10 mm <sup>2</sup><br>Rigid 25 ...25 mm <sup>2</sup><br>Flexible 25 ...25 mm <sup>2</sup> |
| Degree of Protection                                       | IP2X                                                                                             |
| Electrical Endurance                                       | 10000 cycle                                                                                      |
| Mounting Type                                              | DIN rail                                                                                         |
| Object Classification Code                                 | Q                                                                                                |
| Pollution Degree                                           | 2                                                                                                |
| Rated Conditional Short-Circuit Current (I <sub>nc</sub> ) | 10 kA                                                                                            |
| Rated Insulation Voltage (U <sub>i</sub> )                 | 500 V                                                                                            |
| Rated Operational Voltage                                  | 230 / 400 V AC                                                                                   |
| Width in Number of Modular Spacings                        | 4                                                                                                |

## Environmental

|                         |                                   |
|-------------------------|-----------------------------------|
| Ambient Air Temperature | Operation -25...55 °C             |
| RoHS Status             | Following EU Directive 2011/65/EU |

## Technical UL/CSA

|                                  |                 |
|----------------------------------|-----------------|
| Maximum Operating Voltage UL/CSA | 480Y / 277 V AC |
|----------------------------------|-----------------|

## Dimensions

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

## 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            | 8012542782209 |
| Package Level 2 Units          | crate 6 piece |
| Package Level 2 Width          | 246 mm        |
| Package Level 2 Height         | 94 mm         |
| Package Level 2 Depth /        | 80 mm         |

Length

Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85363030 |

Certificates and Declarations (Document Number)

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

Popular Downloads

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

Classifications

|                            |                                                    |
|----------------------------|----------------------------------------------------|
| Object Classification Code | Q                                                  |
| ETIM 4                     | EC000003 - Residual current circuit breaker (RCCB) |
| ETIM 5                     | EC000003 - Residual current circuit breaker (RCCB) |
| ETIM 6                     | EC000003 - Residual current circuit breaker (RCCB) |
| ETIM 7                     | EC000003 - Residual current circuit breaker (RCCB) |

Categories

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

