

## PRODUCT-DETAILS

# F204 A-80/0,03 110V

## F204 A-80/0,03 110V Residual Current Circuit Breaker



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | F204 A-80/0,03 110V                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product ID            | 2CSF204199R1800                                                                                                                                                                                                                                                                                                                                                                                                                      |
| EAN                   | 8012542358435                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Catalog Description   | F204 A-80/0,03 110V Residual Current Circuit Breaker                                                                                                                                                                                                                                                                                                                                                                                 |
| Long Description      | The RCCBs F200 series assures protection against the effects of sinusoidal alternating and direct pulsating earth fault currents, protection, against indirect contacts and additional protection against direct (with sensitivity = 30 mA) contacts. Applications: residential, commercial, industrial. This particular series has the minimum operating voltage of test button of 110V and it is suitable for application at 230V. |

### Technical

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Standards                     | IEC 61008<br>UL 1053                         |
| Operating Characteristic      | Instantaneous                                |
| Type of Residual Current      | A type                                       |
| Rated Residual Current        | 30 mA                                        |
| Rated Current ( $I_n$ )       | 80 A                                         |
| Number of Poles               | 4                                            |
| Position of Neutral Terminals | Right                                        |
| Power Loss                    | at Rated Operating Conditions per Pole 5.3 W |

|                                                      |                                                                                                  |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Rated Voltage ( $U_r$ )                              | 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 35 ...35 mm <sup>2</sup><br>Flexible 35 ...35 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 ( $I_{nc}$ ) | 10 kA                                                                                            |
| Rated Insulation Voltage ( $U_i$ )                   | 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 |
| Short-Circuit Current Rating (SCCR) | 0.03 mA         |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 0.070 m  |
| Product Net Height         | 0.085 m  |
| Product Net Depth / Length | 0.069 m  |
| Product Net Weight         | 0.350 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 0.078 m       |
| Package Level 1 Height         | 0.103 m       |
| Package Level 1 Depth / Length | 0.078 m       |
| Package Level 1 Gross Weight   | 0.410 kg      |
| Package Level 1 EAN            | 8012542358435 |

|                        |          |
|------------------------|----------|
| 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                        | Manual sheet inside the box |
| RoHS Information                                | 2CSC423001K2702             |

|                                   |                             |
|-----------------------------------|-----------------------------|
| Popular Downloads                 |                             |
| Data Sheet, Technical Information | 9AKK107046A0424             |
| Instructions and Manuals          | Manual sheet inside the box |

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

