

PRODUCT-DETAILS

# F202 AC-25/0.03

## F202 AC-25/0.03 Residual Current Circuit Breaker 2P AC type 30 mA



### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | F202 AC-25/0.03  |
| Product ID            | 2CSF202001R1250  |
| EAN                   | 8012542780007  |
| Catalog Description   | F202 AC-25/0.03 Residual Current Circuit Breaker 2P AC type 30 mA  |
| 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. |

### Circular Value

|  |   |
|--|---|
| Circular Design Principles<br>Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 52,5 % |
| Sustainable Material<br>Content                  | 0 %   |
| End of Life Instructions                         | 9AKK108468A4361   |

### Eco Transparency

|  |                 |
|--|-----------------|
| Environmental Product<br>Declaration - EPD | 9AKK108467A3700 |
|--|-----------------|

## Technical

|  |  |
|--|--|
| Standards  | IEC/EN 61008<br>UL 1053  |
| Type of Residual Current                                   | AC type  |
| Rated Voltage ( $U_r$ )                                    | 230 V  |
| Rated Operational Voltage                                  | 230 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 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 1 W   |
| Power Supply Connection                                    | Arbitrary  |
| Electrical Endurance                                       | 10000 cycle  |
| Number of Poles  | 2  |
| Operating Characteristic                                   | Instantaneous  |
| 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 and Amendment 2015/863 July 22, 2019 |
| RoHS Information                               | 9AKK106713A5602  |
| REACH Declaration                              | 9AKK108467A9482  |

## Environmental Information

Refer to RoHS

Conflict Minerals  
Reporting Template  
(CMRT)

9AKK108468A3363

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**Technical UL/CSA**

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

|                                     |       |
|-------------------------------------|-------|
| Short-Circuit Current Rating (SCCR) | 30 mA |
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**Dimensions**

|                                     |   |
|-------------------------------------|---|
| Width in Number of Modular Spacings | 2 |
|-------------------------------------|---|

|                   |         |
|-------------------|---------|
| Product Net Width | 0.035 m |
|-------------------|---------|

|                    |         |
|--------------------|---------|
| Product Net Height | 0.085 m |
|--------------------|---------|

|                            |         |
|----------------------------|---------|
| Product Net Depth / Length | 0.069 m |
|----------------------------|---------|

|                    |          |
|--------------------|----------|
| Product Net Weight | 0.200 kg |
|--------------------|----------|

|                                  |       |
|----------------------------------|-------|
| Built-In Depth (t <sub>2</sub> ) | 69 mm |
|----------------------------------|-------|

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**Ordering**

|                        |         |
|------------------------|---------|
| Minimum Order Quantity | 1 piece |
|------------------------|---------|

|                       |             |
|-----------------------|-------------|
| Package Level 1 Units | box 1 piece |
|-----------------------|-------------|

|                              |          |
|------------------------------|----------|
| Package Level 1 Gross Weight | 0.235 kg |
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**Certificates and Declarations**

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|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK106713A5602 |
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**Installation**

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 9AKK107991A6127 |
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**Popular Downloads**

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK107991A8329 |
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**Classifications**

|        |  |
|--------|--|
| ETIM 8 | EC000003 - Residual current circuit breaker (RCCB) |
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|        |  |
|--------|--|
| ETIM 9 | EC000003 - Residual current circuit breaker (RCCB) |
|--------|--|

|                            |  |
|----------------------------|--|
| EPLAN Function Definition  | Ground fault current circuit-breaker / Ground fault current circuit breakers, 4 connection points / Ground fault current circuit breaker, two-pole 1/2 2/1 3/4 4/3 |
| 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  |

## 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           |
| 2CSF200995R0013 | F2C-ARI30 Auto-reclosing unit                | F2C-ARI30     | 1        | piece           |
| 2CSF200992R0005 | F2C-ARH Auto-reclosing unit                  | F2C-ARH       | 1        | piece           |
| 2CSF200991R0005 | F2C-ARH -T Auto-reclosing unit with autotest | F2C-ARH -T    | 1        | piece           |

## Categories

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

