



PRODUCT-DETAILS

FH202 AC-40/0.3

Residual Current Circuit Breaker - 2P - Type AC  
- 300 mA - 40 A



| General Information   |                                                                                                                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | FH202 AC-40/0.3                                                                                                                                                                                                                   |
| Product ID            | 2CSF202006R3400                                                                                                                                                                                                                   |
| EAN                   | 8012542894902                                                                                                                                                                                                                     |
| Catalog Description   | Residual Current Circuit Breaker - 2P - Type AC - 300 mA - 40 A                                                                                                                                                                   |
| Long Description      | The RCCBs FH200 series assures protection to people and installations against fault current to earth. A large offer for standard instantaneous AC and A types is particularly suitable for installation in domestic applications. |

| ABB EcoSolutions                                  |                                                                                                     |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| ABB EcoSolutions                                  | Yes                                                                                                 |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 72.33 %                                      |
| ABB Site Meeting Group Waste To Landfill Target   | No non-hazardous waste is sent to a landfill<br>UL 2799 Zero Waste To Landfill Validation available |
| Sustainable Material Content in Packaging (wt. %) | Recycled Paper - 00 %<br>Recycled Cardboard - 20 %<br>Recycled Cardboard - 78 %                     |
| Extended Product                                  | Product Durability                                                                                  |

Lifetime

|                                         |                 |
|-----------------------------------------|-----------------|
| End Of Life                             | 9AKK108469A2269 |
| Disassembling Instructions              |                 |
| Environmental Product Declaration - EPD | 9AKK108469A6622 |

## Technical

|                                                            |                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Type of Residual Current                                   | Type AC                                                                           |
| 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 ( $I_n$ )                                    | 40 A                                                                              |
| Rated Residual Current                                     | 300 mA                                                                            |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ )       | 6 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 Hz                                                                             |
| Power Loss                                                 | at Rated Operating Conditions per Pole 2.4 W                                      |
| Number of Poles                                            | 2P                                                                                |
| Number of Modular Spacings per DIN Rail                    | 2                                                                                 |
| Operating Characteristic                                   | Instantaneous                                                                     |
| Mounting Type                                              | DIN-Rail                                                                          |
| Options Provided                                           | None                                                                              |
| Accessories Available                                      | No                                                                                |
| Rated Cross-Section                                        | 4 - Multi-Wired 10...25 mm <sup>2</sup><br>1 - Solid-Core 25...25 mm <sup>2</sup> |

## Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| RoHS Information                            | 9AKK106713A5603                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 20211115                                                               |
| REACH Declaration                           | 9AKK108467A9482                                                        |
| REACH Information                           | True - contains substances > 0.1 mass percentage                       |
| REACH Date                                  | 20240429                                                               |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                        |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |
| WEEE B2C / B2B                              | Business To Consumer                                                   |

## Environmental

|             |                         |
|-------------|-------------------------|
| Ambient Air | Operation -5 ... +40 °C |
|-------------|-------------------------|

|                           |                        |
|---------------------------|------------------------|
| Temperature               | Storage -40 ... +70 °C |
| Degree of Protection      | IP2X                   |
| Environmental Information | Refer to RoHS          |

### Dimensions

|                                     |       |
|-------------------------------------|-------|
| Width in Number of Modular Spacings | 2     |
| Product Net Width                   | 35 mm |
| Product Net Height                  | 85 mm |
| Product Net Depth / Length          | 69 mm |
| Product Net Weight                  | 200 g |
| Built-In Depth (t <sub>2</sub> )    | 69 mm |

### Ordering

|                              |             |
|------------------------------|-------------|
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 0.236 kg    |

### Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK106713A5603 |
|--------------------------------|-----------------|

### Installation

|                          |                    |
|--------------------------|--------------------|
| Instructions and Manuals | No document needed |
|--------------------------|--------------------|

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CSC400030D0202 |
|-----------------------------------|-----------------|

### External Classifications and Standards

|                            |                                                    |
|----------------------------|----------------------------------------------------|
| ETIM 8                     | EC000003 - Residual current circuit breaker (RCCB) |
| ETIM 9                     | EC000003 - Residual current circuit breaker (RCCB) |
| eClass                     | V11.0 : 27142201                                   |
| Object Classification Code | F                                                  |
| Standards                  | IEC 61008                                          |

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## Categories

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



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