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 PRODUCT-DETAILS

## FH204 AC-25/0.03

### Residual Current Circuit Breaker FH200 - 4P - 30 mA - 25 A - Type AC




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**General Information**

<b>Extended Product Type:</b>	FH204 AC-25/0.03
<b>Product ID:</b>	2CSF204002R1250
<b>EAN:</b>	8012542892106
<b>Catalog Description:</b>	Residual Current Circuit Breaker FH200 - 4P - 30 mA - 25 A - Type AC
<b>Long Description:</b>	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.
<b>Display Name:</b>	FH204 AC-25/0.03

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**ABB EcoSolutions**

<b>ABB EcoSolutions:</b>	Yes
<b>EcoSolutions Profile:</b>	9AKK108470A4863
<b>Recyclability Rate of the Product acc. to EN45555:</b>	Design for Closing Resource Loops - Standard EN45555 - 72.34 %
<b>ABB Site Meeting Group Waste To Landfill Target:</b>	No non-hazardous waste is sent to a landfill UL 2799 Zero Waste To Landfill Validation available

**Sustainable Material Content in Packaging** Recycled Paper - 0 %  
 (wt. %): Recycled Cardboard - 19.59 %  
 Recycled Cardboard - 78.37 %

**Extended Product Lifetime:** Product Durability

**Offered with Takeback Services:** Take Back for Recycling

**End Of Life Disassembling Instructions:** 9AKK108469A2269

**Environmental Product Declaration - EPD:** 9AKK108469A6622

## Technical

**Type of Residual Current:** Type AC

**Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):** 6 kA

**Maximum Surge Current:** 0.25 kA

**Leakage Current Type:** AC

**Electrical Endurance:** 10000 cycle

**Mechanical Endurance:** 20000 cycle

**Number of Poles:** 4P

**Number of Modular Spacings per DIN Rail:** 4

**Operating Characteristic:** Instantaneous

**Position of Neutral Terminals:** Right

**Options Provided:** None

**Accessories Available:** No

**Rated Cross-Section:** 4 - Multi-Wired 10 ... 25 mm<sup>2</sup>  
 1 - Solid-Core 25 ... 25 mm<sup>2</sup>

## Electrical

**Short-Circuit Current Rating (SCCR):** 0.03 A

**Rated Voltage ( $U_r$ ):** 230/400 V

**Rated Operational Voltage:** acc. to IEC 60898-1 400 V

**Rated Insulation Voltage ( $U_i$ ):** acc. to IEC/EN 60664-1 500 V

**Rated Impulse Withstand Voltage ( $U_{imp}$ ):** 4 kV

**Input Voltage Type:** AC

**Rated Current ( $I_n$ ):** 25 A

**Rated Residual Current:** 30 mA

**Rated Conditional Short-Circuit Current ( $I_{nc}$ ):** 6 kA

**Rated Frequency (f):** 50 Hz

**Power Loss:** Total 5.2 W

## Design

**RAL Number:** RAL 7035 - Light Grey

<b>Color:</b>	Grey
<b>Number of Modules:</b>	4

## Material Compliance

<b>RoHS Declaration:</b>	9AKK106713A5603
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>RoHS Date:</b>	20211115
<b>REACH Declaration:</b>	9AKK108467A9482
<b>REACH Information:</b>	True - contains substances > 0.1 mass percentage
<b>REACH Date:</b>	20240429
<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108468A3363
<b>SCIP:</b>	719d39e9-c62c-4c41-a6dc-53de2a11e8ea Italy
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>WEEE B2C / B2B:</b>	Business To Consumer

## Environmental

<b>Ambient Air Temperature:</b>	Operation -5 ... 40 °C
<b>Degree of Protection:</b>	IP2X
<b>Pollution Degree:</b>	2
<b>Environmental Information:</b>	Refer to RoHS

## Dimensions

<b>Width in Number of Modular Spacings:</b>	4
<b>Product Net Width:</b>	70 mm
<b>Product Net Height:</b>	85 mm
<b>Product Net Depth / Length:</b>	69 mm
<b>Product Net Weight:</b>	380 g
<b>Built-In Depth (t<sub>2</sub>):</b>	69 mm

## Ordering

<b>Package Level 1 Units:</b>	box 1 piece
<b>Package Level 1 Gross Weight:</b>	0.415 kg

## Certificates and Declarations

<b>Declaration of Conformity - CE:</b>	9AKK106713A5603
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## Installation

<b>Instructions and Manuals:</b>	No document needed
<b>Mounting Type:</b>	DIN-Rail

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## Popular Downloads

<b>Data Sheet, Technical Information:</b>	2CSC400030D0202
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## External Classifications and Standards

<b>ETIM 9:</b>	EC000003 - Residual current circuit breaker (RCCB)
<b>ETIM 10:</b>	EC000003 - Residual current circuit breaker (RCCB)
<b>eClass:</b>	V11.0 : 27142201
<b>Object Classification Code:</b>	F
<b>Standards:</b>	IEC/EN 61008

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## Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > Residual Current Devices RCCBs > Residual Current Devices RCCBs



