



PRODUCT-DETAILS

# FH204 AC-40/0.1

## FH204 AC-40/0.1 Residual Current Circuit Breaker 4P Type AC 100 mA



General Information	
Extended Product Type	FH204 AC-40/0.1
Product ID	2CSF204006R2400
EAN	8012542895503
Catalog Description	FH204 AC-40/0.1 Residual Current Circuit Breaker 4P Type AC 100 mA
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

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 48 %
Sustainable Material	0 %

## Content

Group Waste to Landfill Target	No non-hazardous waste is sent to a landfill
Sustainable Material Content in Packaging	Recycled Paper - 78 %
Improved Resource Efficiency for Customers	Digital Efficiency - Product is digitally-supported to optimize usage and eventually optimize customer asset
Offered with Extended Lifetime	Product Durability
End of Life Instructions	9AKK108469A2269

## Eco Transparency

Environmental Product Declaration - EPD	9AKK108467A3700
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## Technical

Standards	IEC 61008
Type of Residual Current	Type AC
Rated Voltage ( $U_r$ )	230/400 V
Rated Operational Voltage	230 / 400 V AC
Rated Insulation Voltage ( $U_i$ )	500 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4 kV
Rated Current ( $I_n$ )	40 A
Rated Residual Current	100 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 Hz
Power Loss	at Rated Operating Conditions per Pole 3.2 W
Number of Poles	4
Operating Characteristic	Instantaneous
Position of Neutral Terminals	Right
Mounting Type	DIN-Rail
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>

## 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
Conflict Minerals	9AKK108468A3363

Reporting Template  
(CMRT)**Environmental**

Ambient Air Temperature	Operation -5 ... +40 °C Storage -40 ... +70 °C
Degree of Protection	IP2X
Environmental Information	Refer to RoHS

**Technical UL/CSA**

Short-Circuit Current Rating (SCCR)	0.1 A
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**Dimensions**

Width in Number of Modular Spacings	4
Product Net Width	70 mm
Product Net Height	69 mm
Product Net Depth / Length	85 mm
Product Net Weight	0.38 kg
Built-In Depth (t <sub>2</sub> )	69 mm

**Ordering**

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.415 kg

**Certificates and Declarations**

Declaration of Conformity - CE	9AKK106713A5603
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**Installation**

Instructions and Manuals	No document needed
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**Popular Downloads**

Data Sheet, Technical Information	2CSC400030D0202
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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)
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

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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

