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 PRODUCT-DETAILS

## FH202 A-40/0.03

### FH202 A-40/0.03 Residual Current Circuit Breaker 2P Type A 30 mA




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#### General Information

Extended Product Type	FH202 A-40/0.03
Product ID	2CSF202102R1400
EAN	8012542892502
Catalog Description	FH202 A-40/0.03 Residual Current Circuit Breaker 2P Type A 30 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.

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#### ABB EcoSolutions

ABB EcoSolutions	Yes
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 48 %
Sustainable Material Content	0 %
Group Waste to Landfill Target	No non-hazardous waste is sent to a landfill
Sustainable Material	Recycled Paper - 78 %

## Content in Packaging

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
Environmental Product Declaration - EPD	9AKK108467A3700

## Technical

Standards	IEC/EN 61008
Type of Residual Current	Type A
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	30 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	A
Rated Frequency (f)	50 Hz
Power Loss	at Rated Operating Conditions per Pole 2.4 W
Number of Poles	2
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> 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

## 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)	0.03 A
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## Dimensions

Width in Number of Modular Spacings	2
Product Net Width	35 mm
Product Net Height	69 mm
Product Net Depth / Length	85 mm
Product Net Weight	0.2 kg
Built-In Depth (t <sub>2</sub> )	69 mm
Dimension Diagram	9AKK1074920067

## Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.236 kg
E-Number (Finland)	3260480

## 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)
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

