



PRODUCT-DETAILS

FH202 AC-40/0.03

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



General Information	
Extended Product Type	FH202 AC-40/0.03
Product ID	2CSF202002R1400
EAN	8012542891901
Catalog Description	FH202 AC-40/0.03 Residual Current Circuit Breaker 2P Type AC 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.

ABB EcoSolutions	
ABB EcoSolutions	Yes
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 48 %
Principles Recyclability Rate	
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 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	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	AC	
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 ² 1 - Solid-Core 25...25 mm ²	

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 ₂)	69 mm
Dimension Diagram	9AKK1074920067

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.236 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)
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

Categories

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

