PRODUCT-DETAILS

FH204 AC-25/0.03

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

General Information

Extended Product Type	FH204 AC-25/0.03
Product ID	2CSF204002R1250
EAN	8012542892106
Catalog Description	Residual Current Circuit Breaker - 4P - Type AC - 30 mA - 25 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
EcoSolutions Profile	9AKK108470A4863
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 UL 2799 Zero Waste To Landfill Validation available
Sustainable Material Content in Packaging (wt. %)	Recycled Paper - 00 % Recycled Cardboard - 20 % Recycled Cardboard - 78 %

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Extended Product Lifetime	Product Durability
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})	1 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 mm² 1 - Solid-Core 25...25 mm²

Electrical

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)	25 A
Rated Residual Current	30 mA
Rated Conditional Short-Circuit Current (I_{nc})	6 kA
Rated Frequency (f)	50 Hz
Power Loss	at Rated Operating Conditions per Pole 1.3 W

Design

Number of Modules	4

Material Compliance

RoHS Information	9AKK106713A5603
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20211115

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REACH Declaration	9AKK108467A9482
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240429
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	719d39e9-c62c-4c41-a6dc-53de2a11e8ea Italy
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Environmental

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

Dimensions

Width in Number of Modular Spacings	4
Product Net Width	70 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	380 g
Built-In Depth (t_2)	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

Installation

Instructions and Manuals	No document needed
Mounting Type	DIN-Rail

Popular Downloads

Data Sheet, Technical Information	2CSC400030D0202

External Classifications and Standards

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

Categories

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

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