



PRODUCT-DETAILS

FH204 AC-40/0.03

Residual Current Circuit Breaker FH200 - 4P - 30 mA - 40 A - Type AC



General Information	
Extended Product Type:	FH204 AC-40/0.03
Product ID:	2CSF204006R1400
EAN:	8012542895206
Catalog Description:	Residual Current Circuit Breaker FH200 - 4P - 30 mA - 40 A - Type AC
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.
Display Name:	FH204 AC-40/0.03

ABB EcoSolutions	
ABB EcoSolutions:	Yes
EcoSolutions Profile:	9AKK108470A4863
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 72.34 %
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 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 mm²
 1 - Solid-Core 25 ... 25 mm²

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): 40 A

Rated Residual Current: 30 mA

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

Rated Frequency (f): 50 Hz

Power Loss: Total 12.8 W

Design

RAL Number: RAL 7035 - Light Grey

Color:	Grey
Number of Modules:	4

Material Compliance

RoHS Declaration:	9AKK106713A5603
RoHS Information:	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
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
Degree of Protection:	IP2X
Pollution Degree:	2
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
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Installation

Instructions and Manuals:	No document needed
Mounting Type:	DIN-Rail

Popular Downloads

Data Sheet, Technical Information: 2CSC400030D0202

External Classifications and Standards

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 61008

Categories

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





360°

