



 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:	2CSF204002R1400
EAN:	8012542892205
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 (wt. %):	Recycled Paper - 0 % 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 mm ² 1 - Solid-Core 25 ... 25 mm ²

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
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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 (t₂):	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/EN 61008

Categories

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





360°

