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 PRODUCT-DETAILS

## FH204 AC-40/0.03

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




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**General Information**

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

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**ABB EcoSolutions**

<b>EcoSolutions Profile:</b>	9AKK108470A4863
<b>Recyclability Rate of the Product acc. to EN45555:</b>	Design for Closing Resource Loops - Standard EN45555 - 72.34 %
<b>ABB Site Meeting Group Waste To Landfill Target:</b>	No non-hazardous waste is sent to a landfill UL 2799 Zero Waste To Landfill Validation available

<b>Sustainable Material Content in Packaging (wt. %):</b>	Recycled Paper - 0 % Recycled Cardboard - 19.59 % Recycled Cardboard - 78.37 %
<b>Extended Product Lifetime:</b>	Product Durability
<b>Offered with Takeback Services:</b>	Take Back for Recycling
<b>End Of Life Disassembling Instructions:</b>	9AKK108469A2269
<b>Environmental Product Declaration - EPD:</b>	9AKK108469A6622

## Technical

<b>Type of Residual Current:</b>	Type AC
<b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>	6 kA
<b>Maximum Surge Current:</b>	0.25 kA
<b>Leakage Current Type:</b>	AC
<b>Electrical Endurance:</b>	10000 cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Number of Poles:</b>	4P
<b>Number of Modular Spacings per DIN Rail:</b>	4
<b>Operating Characteristic:</b>	Instantaneous
<b>Position of Neutral Terminals:</b>	Right
<b>Options Provided:</b>	None
<b>Accessories Available:</b>	No
<b>Rated Cross-Section:</b>	4 - Multi-Wired 10 ... 25 mm <sup>2</sup> 1 - Solid-Core 25 ... 25 mm <sup>2</sup>

## Electrical

<b>Short-Circuit Current Rating (SCCR):</b>	0.03 A
<b>Rated Voltage (<math>U_r</math>):</b>	230/400 V
<b>Rated Operational Voltage:</b>	acc. to IEC 60898-1 400 V
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	acc. to IEC/EN 60664-1 500 V
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	4 kV
<b>Input Voltage Type:</b>	AC
<b>Rated Current (<math>I_n</math>):</b>	40 A
<b>Rated Residual Current:</b>	30 mA
<b>Rated Conditional Short-Circuit Current (<math>I_{nc}</math>):</b>	6 kA
<b>Rated Frequency (f):</b>	50 Hz
<b>Power Loss:</b>	Total 12.8 W

## Design

<b>RAL Number:</b>	RAL 7035 - Light Grey
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<b>Color:</b>	Grey
<b>Number of Modules:</b>	4

## Material Compliance

<b>RoHS Declaration:</b>	9AKK106713A5603
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>RoHS Date:</b>	20211115
<b>REACH Declaration:</b>	9AKK108467A9482
<b>REACH Information:</b>	True - contains substances > 0.1 mass percentage
<b>REACH Date:</b>	20240429
<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108468A3363
<b>SCIP:</b>	719d39e9-c62c-4c41-a6dc-53de2a11e8ea Italy
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>WEEE B2C / B2B:</b>	Business To Consumer

## Environmental

<b>Ambient Air Temperature:</b>	Operation -5 ... 40 °C
<b>Degree of Protection:</b>	IP2X
<b>Pollution Degree:</b>	2
<b>Environmental Information:</b>	Refer to RoHS

## Dimensions

<b>Width in Number of Modular Spacings:</b>	4
<b>Product Net Width:</b>	70 mm
<b>Product Net Height:</b>	85 mm
<b>Product Net Depth / Length:</b>	69 mm
<b>Product Net Weight:</b>	380 g
<b>Built-In Depth (t<sub>2</sub>):</b>	69 mm

## Ordering

<b>Package Level 1 Units:</b>	box 1 piece
<b>Package Level 1 Gross Weight:</b>	0.415 kg

## Certificates and Declarations

<b>Declaration of Conformity - CE:</b>	9AKK106713A5603
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## Installation

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

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## Popular Downloads

Data Sheet, Technical Information:	2CSC400030D0202
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## 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

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## Categories

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





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