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 PRODUCT-DETAILS

## FH204 AC-63/0.03

### Residual Current Circuit Breaker FH200 - 4P - 30 mA - 63 A - Type AC




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#### General Information

Extended Product Type	FH204 AC-63/0.03
Product ID	2CSF204006R1630
EAN	8012542895305
Catalog Description	Residual Current Circuit Breaker FH200 - 4P - 30 mA - 63 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 <u>installation in domestic applications.</u>

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#### 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	Take Back for Recycling

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Services

<u>End Of Life Disassembling Instructions</u>	9AKK108469A2269
<u>Environmental Product Declaration - EPD</u>	9AKK108469A6622

**Technical**

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

**Electrical**

<u>Short-Circuit Current Rating (SCCR)</u>	0.03 A
<u>Rated Voltage (U<sub>r</sub>)</u>	230/400 V
<u>Rated Operational Voltage</u>	acc. to IEC 60898-1 400 V
<u>Rated Insulation Voltage (U<sub>i</sub>)</u>	acc. to IEC/EN 60664-1 500 V
<u>Rated Impulse Withstand Voltage (U<sub>imp</sub>)</u>	4 kV
<u>Input Voltage Type</u>	AC
<u>Rated Current (I<sub>n</sub>)</u>	63 A
<u>Rated Residual Current</u>	30 mA
<u>Rated Conditional Short-Circuit Current (I<sub>nc</sub>)</u>	6 kA
<u>Rated Frequency (f)</u>	50 Hz
<u>Power Loss</u>	Total 17.6 W

**Design**

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

**Material Compliance**

<u>RoHS Declaration</u>	9AKK106713A5603
<u>RoHS Information</u>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<u>RoHS Date</u>	20211115
<u>REACH Declaration</u>	9AKK108467A9482
<u>REACH Information</u>	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 <sub>2</sub> )	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
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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

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



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