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 PRODUCT-DETAILS

## F204 F-63/0.03

### F204 F-63/0.03 Residual Current Circuit Breaker 4P Type F 30 mA




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**General Information**

Extended Product Type	F204 F-63/0.03
Product ID	2CSF204325R1630
EAN	8012542993230
Catalog Description	F204 F-63/0.03 Residual Current Circuit Breaker 4P Type F 30 mA
Long Description	The RCCBs F200 series assures protection to people and installations against fault current to earth. Type F offers the same range of protection and functionality as an RCCB Type A APR, this means that they detect sinusoidal AC currents as well as pulsating DC currents.

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**ABB EcoSolutions**

ABB EcoSolutions	Yes
EcoSolutions Profile	9AKK108469A3794
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 52.5 %
Group Waste to Landfill Target	No non-hazardous waste is sent to a landfill
Sustainable Material	Recycled Paper - 78 %

## Content in Packaging

Offered with Extended Lifetime	Product Durability
End of Life Instructions	9AKK108468A4361
Environmental Product Declaration - EPD	9AKK108467A3700

## Technical

Standards	IEC/EN 61008 IEC/EN 62423
Type of Residual Current	Type F
Rated Voltage ( $U_r$ )	230/400 V
Rated Operational Voltage	230 / 400 V AC
Rated Insulation Voltage ( $U_i$ )	500 V
Test Voltage ( $U_t$ )	170-259 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4 kV
Input Voltage Type	AC
Rated Current ( $I_n$ )	63 A
Rated Residual Current	30 mA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Maximum Surge Current	4 kA
Frequency (f)	50/60 Hz
Rated Frequency (f)	50 ... 60 Hz
Power Loss	at Rated Operating Conditions per Pole 4.4 W
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Number of Poles	4
Number of Modular Spacings per DIN Rail	4
Operating Characteristic	Instantaneous (APR High Immunity)
Position of Neutral Terminals	Right
Tightening Torque	2.8 N·m
Accessory Type	Auxiliary contact Signal / auxiliary contact Shunt trip Auto re-closing units Motor operating device Overvoltage release Undervoltage release
Mounting Type	DIN-Rail
Options Provided	None
Mounting Position	Any
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm <sup>2</sup> Rigid 25 ... 25 mm <sup>2</sup> Flexible 25 ... 25 mm <sup>2</sup>
Rated Cross-Section	4 - Multi-Wired 0...25 mm <sup>2</sup> 1 - Solid-Core 25...25 mm <sup>2</sup>
Wire Stripping Length	12 mm
Terminal Type	Screw Terminals

## Material Compliance

RoHS Information	9AKK106713A5612
RoHS Status	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	18f132b0-8f03-4611-9c59-dba03cc369bf Italy (IT)

## Environmental

Ambient Air Temperature	Operation -25 ... 55 °C Storage -40 ... 70 °C
Degree of Protection	IP2X
Pollution Degree	2
Resistance to Vibrations	20 Cycles with Load 0.8 In: 1g or 1mm 50 ... 150 ... 5 Hz
Resistance to Shock acc. to IEC 60068-2-27	25g 2 shocks 13 ms
Environmental Information	Refer to RoHS

## Technical UL/CSA

Short-Circuit Current Rating (SCCR)	30 mA
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## 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	375 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	9AKK106713A5612
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**Installation**

Instructions and  
Manuals

9AKK107991A6127

**Popular Downloads**

Data Sheet, Technical  
Information

9AKK107991A8329

**Classifications**

ETIM 8	EC000003 - Residual current circuit breaker (RCCB)
ETIM 9	EC000003 - Residual current circuit breaker (RCCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
eClass	V11.0 : 27142201
IDEA Granular Category Code (IGCC)	4875 >> Residual current circuit breaker (RCCB)
Object Classification Code	F

**Accessories**

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200912R0001	Auxiliary Contact	S2C-H6R	2	piece
2CDS200922R0001	Signal / Auxiliary Contact	S2C-S/H6R	2	piece
2CDS200946R0001	Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0003	Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200946R0002	Auxiliary Contact	S2C-H6-20R	1	piece
2CSS200933R0011	Shunt trip	F2C-A1	1	piece
2CSS200933R0012	Shunt trip	F2C-A2	1	piece
2CSS200911R0005	Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0007	Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0002	Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0008	Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0004	Undervoltage Release	S2C-UA 110 AC	1	piece
2CSS200911R0006	Undervoltage Release	S2C-UA 400 AC	1	piece
2CSS200911R0001	Undervoltage Release	S2C-UA 12 DC	1	piece
2CSS200911R0010	Undervoltage Release	S2C-UA 230 DC	1	piece
2CSS200911R0009	Undervoltage Release	S2C-UA 110 DC	1	piece
2CSS200911R0003	Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200910R0005	Overvoltage Release	S2C-OVP1	1	piece
2CSS200993R0005	Overvoltage Release	S2C-OVP2	1	piece
2CSF201998R0034	Autoreclosing unit	F3C-AR24	1	piece
2CSF202998R0034	Autoreclosing unit	F3C-AR230	1	piece
2CSS201998R0033	Motor Operating Device	S3C-MOD24	1	piece
2CSS202998R0033	Motor Operating Device	S3C-MOD230	1	piece

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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

