



 PRODUCT-DETAILS

F204 A-40/0.03

F204 A-40/0.03 Residual Current Circuit Breaker 4P Type A 30 mA



General Information

Extended Product Type	F204 A-40/0.03
Product ID	2CSF204101R1400
EAN	8012542783503
Catalog Description	F204 A-40/0.03 Residual Current Circuit Breaker 4P Type A 30 mA
Long Description	The RCCBs F200 series assures protection to people and installations against fault current to earth. A large offer for standard instantaneous and selective AC and A types is completed with some configurations for special applications.

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 52.5 %
End of Life Instructions	9AKK108468A4361

Eco Transparency

Environmental Product
Declaration - EPD

9AKK108467A3700

Technical

Standards	IEC/EN 61008 UL 1053
Type of Residual Current	Type A
Rated Voltage (U_r)	230/400 V
Rated Operational Voltage	230 / 400 V AC
Rated Insulation Voltage (U_i)	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})	10 kA
Rated Service Short- Circuit Breaking Capacity (I_{cs})	1 kA
Leakage Current Type	A
Rated Frequency (f)	50 ... 60 Hz
Power Loss	at Rated Operating Conditions per Pole 3.2 W
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Number of Poles	4
Operating Characteristic	Instantaneous
Position of Neutral Terminals	Right
Mounting Type	DIN-Rail
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm ² Rigid 25 ... 25 mm ² Flexible 25 ... 25 mm ²
Rated Cross-Section	4 - Multi-Wired 0...25 mm ² 1 - Solid-Core 25...25 mm ²

Material Compliance

RoHS Information	9AKK106713A5602
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20211115
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP2X
Pollution Degree	2
Resistance to Vibrations	20 Cycles with Load 0.8 In: 1q 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

Maximum Operating
Voltage UL/CSA

480Y / 277 V AC

Short-Circuit Current
Rating (SCCR)

30 mA

Dimensions

Width in Number of
Modular Spacings

4

Product Net Width

0.070 m

Product Net Height

0.085 m

Product Net Depth /
Length

0.069 m

Product Net Weight

0.360 kg

Built-In Depth (t₂)

69 mm

Dimension Diagram

9AKK106354A0759

Ordering

Package Level 1 Units

box 1 piece

Package Level 1 Gross
Weight

0.415 kg

E-Number (Finland)

3259440

E-Number (Sweden)

2160126

Certificates and Declarations

Declaration of Conformity
- CE

9AKK106713A5602

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

Object Classification Code

F

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	2	piece
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	2	piece
2CDS200946R0001	S2C-H6-11R Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CSS200933R0011	F2C-A1 Shunt trip	F2C-A1	1	piece
2CSS200933R0012	F2C-A2 Shunt trip	F2C-A2	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage Release	S2C-UA 110 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage Release	S2C-UA 400 AC	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage Release	S2C-UA 12 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage Release	S2C-UA 230 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage Release	S2C-UA 110 DC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200910R0005	S2C-OVP1 Overvoltage Release	S2C-OVP1	1	piece
2CSS200993R0005	S2C-OVP2 Overvoltage Release	S2C-OVP2	1	piece
2CSF200997R0013	F2C-CM Motor operating device	F2C-CM	1	piece
2CSF200996R0013	F2C-ARI Auto-reclosing unit	F2C-ARI	1	piece

Categories

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



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