



 PRODUCT-DETAILS

F204 A-40/0.3-L

Residual Current Circuit Breaker F200 - 4P - 300 mA - 40 A - Type A



General Information

Extended Product Type:	F204 A-40/0.3-L
Product ID:	2CSF204123R3400
EAN:	8012542820802
Catalog Description:	Residual Current Circuit Breaker F200 - 4P - 300 mA - 40 A - Type A
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. This product is suitable for installations where neutral on the left is .
Display Name:	F204 A-40/0.3-L

ABB EcoSolutions

Carbon Footprint (Full Lifecycle):	10.476348 kg CO ₂ eq
ABB EcoSolutions:	Yes
EcoSolutions Profile:	9AKK108469A3794
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 82.05 %

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 Paper - 3.91 %
Recycled Cardboard - 29.08 %
Recycled Cardboard - 61.23 %
Recycled Cardboard - 2.66 %

Extended Product Lifetime: Product Durability

Offered with Takeback Services: Take Back for Recycling

End Of Life Disassembling Instructions: 9AKK108470A1748

Environmental Product Declaration - EPD: 9AKK108469A9642

Technical

Type of Residual Current:	Type A
Test Voltage (Ut):	195-440 V
Leakage Current Type:	A
Power Supply Connection:	Arbitrary
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:	Left
Tightening Torque:	2.8 N·m
Accessory Type:	Auxiliary contact Auxiliary/Signal contact Shunt trip Undervoltage release Overvoltage release Motor Operating Device Bottom fitting auxiliary contact Autoreclosing Unit
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal Cage Terminal Failsafe Biconnect Fork Top/Bottom Failsafe Biconnect Fork Bottom
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
Wire Stripping Length:	12 mm
Terminal Type:	Screw Terminals

Electrical

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:	300 mA
Rated Conditional Short-Circuit Current (I_{nc}):	10 kA
Frequency (f):	50/60 Hz
Rated Frequency (f):	50 ... 60 Hz
Power Loss:	Total 9.6 W

Design

RAL Number:	Similar to RAL 7035
Number of Modules:	4

Material Compliance

RoHS Declaration:	9AKK106713A5602
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:	e8229506-bdcb-47ec-b10f-6ae72c1a19bf Italy
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B:	Business To Consumer

Environmental

Ambient Air Temperature:	Operation -25 ... 55 °C Storage -40 ... 70 °C
Degree of Protection:	Terminals IP20 Housing IP40
Pollution Degree:	2
Resistance to Vibrations:	20 Cycles with Load 0.8 I _n : 1g or 0.1mm 5...150...5 Hz
Resistance to Shock acc. to IEC 60068-2-27:	25g 2 shocks 13 ms
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:	360 g
Built-In Depth (t ₂):	69 mm

Engineering

EPLAN Data:	9AAC202084_EPLAN
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Ordering

Package Level 1 Units:	box 1 piece
Package Level 1 Gross Weight:	0.415 kg
E-Number (Sweden):	2160167

Certificates and Declarations

Declaration of Conformity - CE:	9AKK106713A5602
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Installation

Instructions and Manuals:	9AKK107991A6127
Mounting Type:	DIN-Rail
Mounting Position:	Any

Popular Downloads

Data Sheet, Technical Information:	9AKK107991A8329
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External Classifications and Standards

ETIM 9:	EC000003 - Residual current circuit breaker (RCCB)
ETIM 10:	EC000003 - Residual current circuit breaker (RCCB)
UNSPSC:	39121601
eClass:	V11.0 : 27142201
IDEA Granular Category Code (IGCC):	4875 >> Residual current circuit breaker (RCCB)

Object Classification Code: F
Standards: IEC/EN 61008

Accessories

Identifier	Description	Type	Qty	Unit Of Measure
2CDS200912R0001	S2C-H6R Auxiliary Contact 1CO	S2C-H6R	2	piece
2CDS200922R0001	S2C-S/H6R Universal Auxiliary/Signal Con	S2C-S/H6R	2	piece
2CDS200946R0001	S2C-H6-11R Auxiliary contact 1NO/1NC	S2C-H6-11R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary contact 2NC	S2C-H6-02R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary contact 2NO	S2C-H6-20R	1	piece
2CSS200933R0011	Shunt trip F2C-A	F2C-A1	1	piece
2CSS200933R0012	Shunt trip F2C-A	F2C-A2	1	piece
2CSS200910R0005	S2C-OVP1 Overvoltage release	S2C-OVP1	1	piece
2CSS200993R0005	S2C-OVP2 Overvoltage release	S2C-OVP2	1	piece
2CSF201998R0034	Monitoring unit with automatic reclosing F3C- AR - 4P	F3C-AR24	1	piece
2CSF202998R0034	Monitoring unit with automatic reclosing F3C- AR - 4P	F3C-AR230	1	piece
2CSS201998R0033	S3C-MOD24 Motor Operating Device	S3C-MOD24	1	piece
2CSS202998R0033	S3C-MOD230 Motor Operating Device	S3C-MOD230	1	piece

Categories

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

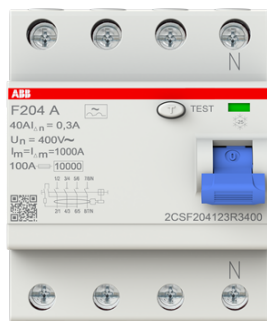


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