



 PRODUCT-DETAILS

F204 B-125/0.3-L

Residual Current Circuit Breaker F200 - 4P - 300 mA - 125 A - Type B



General Information

Extended Product Type	F204 B-125/0.3-L
Product ID	2CSF204523R3950
EAN	8012542989202
Catalog Description	Residual Current Circuit Breaker F200 - 4P - 300 mA - 125 A - Type B
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 particularly suitable for the protection against smooth d.c. earth fault currents.

ABB EcoSolutions

ABB EcoSolutions	Yes
EcoSolutions Profile	9AKK108469A3795
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 51.4 %
ABB Site Meeting Group Waste To Landfill Target	No non-hazardous waste is sent to a landfill
Sustainable Material Content in Packaging	Recycled Paper - 78 %

(wt. %)

Extended Product Lifetime	Product Durability
End Of Life Disassembling Instructions	9AKK108468A4363
Environmental Product Declaration - EPD	9AKK108467A3700

Technical

Type of Residual Current	Type B
Test Voltage (Ut)	150...250 V
Maximum Surge Current	3 kA
Leakage Current Type	B
Power Supply Connection	Arbitrary
Electrical Endurance	2000 cycle
Mechanical Endurance	5000 cycle
Number of Poles	4P
Number of Modular Spacings per DIN Rail	4
Operating Characteristic	10ms Delay (High Immunity)
Position of Neutral Terminals	Left
Tightening Torque	3 N·m
Accessory Type	Signal/Auxiliary contact Motor operating device
Actuator Type	Toggle - Insulation group I - II, RAL 5015
Housing Type	Insulation group I - II, RAL 7035
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm ² Rigid 35 ... 35 mm ² Flexible 35 ... 35 mm ²
Rated Cross-Section	4 - Multi-Wired 0...25 mm ² 1 - Solid-Core 50...50 mm ²
Terminal Type	Screw Terminals

Electrical

Rated Voltage (U _r)	230/400 V
Rated Operational Voltage	230 ... 400 V AC
Rated Insulation Voltage (U _i)	400 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV
Input Voltage Type	AC
Rated Current (I _n)	125 A
Rated Residual Current	300 mA
Rated Conditional Short-Circuit Current (I _{nc})	10 kA
Frequency (f)	50 Hz
Rated Frequency (f)	50 Hz

Power Loss

at Rated Operating Conditions per Pole 11.2 W
Total 33.6 W

Design

Number of Modules 4

Material Compliance

RoHS Declaration	9AKK106713A5610
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20100528
REACH Declaration	9AKK108467A9482
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240429
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	1260ecb6-5200-40ff-b2e0-368a5c7da280 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 ... 40 °C Storage -40 ... 70 °C
Degree of Protection	Terminals IP20 Housing IP40
Pollution Degree	2
Resistance to Vibrations	20 Cycles with Load 0.8 In: 1g or 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	72 mm
Product Net Height	85 mm
Product Net Depth / Length	75 mm
Product Net Weight	500 g
Built-In Depth (t ₂)	69 mm

Engineering

EPLAN Data 9AAF619163_EPLAN

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.545 kg
E-Number (Finland)	3210602
E-Number (Sweden)	2160010

Certificates and Declarations

Declaration of Conformity - CE	9AKK106713A5610
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Installation

Instructions and Manuals	9AKK107992A0195
Mounting Type	DIN-Rail

Popular Downloads

Data Sheet, Technical Information	9AKK107991A7569
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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 61008-1, IEC/EN 61008-2-1, IEC/EN 62423

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CSF200922R0001	Signal/Auxiliary Contact F2 125A-B S/HF2-125A-B-S/H		1	piece
2CSF200997R1214	Motor operating device F2-CM4	F2-125A-24V-CM4	1	piece
2CSF200997R1205	Motor operating device F2-CM4	F2-125A-230V-CM4	1	piece

Categories

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

