



PRODUCT-DETAILS

F204 B-125/0.5-L

F204 B-125/0.5-L Residual Current Circuit
Breaker 4P Type B 500 mA



General Information

Extended Product Type	F204 B-125/0.5-L
Product ID	2CSF204523R4950
EAN	8012542730439
Catalog Description	F204 B-125/0.5-L Residual Current Circuit Breaker 4P Type B 500 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. This product is particularly suitable for the protection against smooth d.c. earth fault currents. This product is suitable for installations where neutral on the left is.

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 51.4 %
Recyclability Rate	
End of Life Instructions	9AKK108468A4363

Eco Transparency

Environmental Product Declaration - EPD	9AKK108467A3700
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Technical

Standards	IEC/EN 61008
Type of Residual Current	Type B
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)	125 A
Rated Residual Current	500 mA
Rated Conditional Short-Circuit Current (I _{nc})	10 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	1 kA
Maximum Surge Current	3 kA
Leakage Current Type	B
Rated Frequency (f)	50 Hz
Power Loss	at Rated Operating Conditions per Pole 7.5 W
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Number of Poles	4
Operating Characteristic	Instantaneous (APR High Immunity)
Position of Neutral Terminals	Left
Actuator Type	Toggle - Insulation group I - II, RAL 5015
Housing Type	Insulation group I - II, RAL 7035
Mounting Type	DIN-Rail
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm² Rigid 35 ... 35 mm² Flexible 35 ... 35 mm²
Rated Cross-Section	4 - Multi-Wired 0...25 mm² 1 - Solid-Core 35...35 mm²

Material Compliance

RoHS Information	9AKK106713A5610
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20100528
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	1260ecb6-5200-40ff-b2e0-368a5c7da280 Italy (IT)

Environmental

Ambient Temperature	-25...40 °C
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Ambient Air Temperature	Operation -25...40 °C
Degree of Protection	IP2X
Pollution Degree	2
Environmental Information	Refer to RoHS

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	500 mA
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Dimensions

Width in Number of Modular Spacings	4
Product Net Width	0.072 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.500 kg
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.545 kg
E-Number (Finland)	3210605

Certificates and Declarations

Declaration of Conformity - CE	9AKK106713A5602
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Installation

Instructions and Manuals	9AKK106354A0846
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Popular Downloads

Data Sheet, Technical Information	9AKK107991A8329
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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
2CSF200922R0001	F2 125A-B S/H Signal / Auxiliary contact	F2-125A-B-S/H	1	piece
2CSF200997R1214	F2-CM4 125A-24V Motor operating device	F2-125A-24V-CM4	1	piece
2CSF200997R1205	F2-CM4 125A-230V Motor operating device	F2-125A-230V-CM4	1	piece

Categories

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

