



PRODUCT-DETAILS

F204 AC-125/0.5

Residual Current Circuit Breaker - 4P - Type AC

- 500 mA - 125 A



General Information

Extended Product Type	F204 AC-125/0.5
Product ID	2CSF204001R4950
EAN	8012542941804
Catalog Description	Residual Current Circuit Breaker - 4P - Type AC - 500 mA - 125 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.

Technical

Type of Residual Current	Type AC
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)	100-250 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
Maximum Surge Current	0.25 kA
Leakage Current Type	AC
Frequency (f)	50/60 Hz
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	4P
Number of Modular Spacings per DIN Rail	4
Operating Characteristic	Instantaneous
Position of Neutral Terminals	Right
Tightening Torque	2.8 N·m
Accessory Type	Signal/Auxiliary contact Motor operating device
Mounting Type	DIN-Rail
Options Provided	None
Mounting Position	Any
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
Wire Stripping Length	12 mm
Terminal Type	Screw Terminals

Material Compliance

RoHS Information	9AKK106713A5606
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	941b7388-e5f6-48ed-bf9e-6d5653c1c989 Italy (IT)

Environmental

Ambient Air Temperature	Operation -25 ... 40 °C Storage -40 ... 70 °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	72 mm
Product Net Height	85 mm
Product Net Depth / Length	69.5 mm
Product Net Weight	500 g
Built-In Depth (t ₂)	69 mm

Ordering	
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.545 kg

Certificates and Declarations	
Declaration of Conformity - CE	9AKK106713A5606

Installation	
Instructions and Manuals	9AKK107991A6132 9AKK107991A0963

Popular Downloads	
Data Sheet, Technical Information	9AKK107991A8329

External Classifications and Standards	
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
Standards	IEC/EN 61008

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



360°