

PRODUCT-DETAILS

F204 A S-125/0.5

F204 A S-125/0.5 Residual Current Circuit Breaker 4P A type 500 mA



General Information

Extended Product Type	F204 A S-125/0.5
Product ID	2CSF204201R4950
EAN	8012542968405
Catalog Description	F204 A S-125/0.5 Residual Current Circuit Breaker 4P A type 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.

Technical

Standards	IEC/EN 61008
Type of Residual Current	A type
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	1 kA

(I_{cs})

Maximum Surge Current	5 kA
Leakage Current Type	A
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	Selective
Position of Neutral Terminals	Right
Mounting Type	DIN-Rail
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 35...35 mm ²

Environmental

Ambient Temperature	-25...40 °C
Ambient Air Temperature	Operation -25...40 °C
Degree of Protection	IP2X
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Information	9AKK106713A5606
REACH Declaration	9AKK108467A9482
Environmental Information	Refer to RoHS
SCIP	941b7388-e5f6-48ed-bf9e-6d5653c1c989 Italy (IT)
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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

Minimum Order Quantity	1 piece
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.545 kg
Customs Tariff Number	85363030
Country of Origin	Italy (IT)

Certificates and Declarations

Declaration of Conformity - CE	9AKK106713A5606
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Popular Downloads

Data Sheet, Technical Information	9AKK107991A8329
Instructions and Manuals	9AKK107991A6132
EPLAN Macro	9AKK106930A1241

Classifications

ETIM 8	EC000003 - Residual current circuit breaker (RCCB)
ETIM 9	EC000003 - Residual current circuit breaker (RCCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / Ground fault current circuit breaker
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

