

PRODUCT-DETAILS

# F204 AC-125/0.03

## F204 AC-125/0.03 Residual Current Circuit Breaker 4P AC type 30 mA



### General Information

Extended Product Type	F204 AC-125/0.03
Product ID	2CSF204001R1950
EAN	8012542941507
Catalog Description	F204 AC-125/0.03 Residual Current Circuit Breaker 4P AC type 30 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	AC 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
Rated Current ( $I_n$ )	125 A
Rated Residual Current	30 mA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Rated Service Short-	1 kA

Circuit Breaking Capacity  
( $I_{cs}$ )

Maximum Surge Current	0.25 kA
Leakage Current Type	AC
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
Position of Neutral Terminals	Right
Mounting Type	DIN-Rail
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm <sup>2</sup> Rigid 35 ... 35 mm <sup>2</sup> Flexible 35 ... 35 mm <sup>2</sup>
Rated Cross-Section	4 - Multi-Wired 0...25 mm <sup>2</sup> 1 - Solid-Core 35...35 mm <sup>2</sup>

## 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
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
SCIP	941b7388-e5f6-48ed-bf9e-6d5653c1c989 Italy (IT)

## Environmental

Ambient Temperature	-25...40 °C
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)	30 mA
-------------------------------------	-------

## 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 ( $t_p$ )	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

Popular Downloads		
Data Sheet, Technical Information		9AKK107991A8329

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		

