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 PRODUCT-DETAILS

# F204 AC-125/0.1

## Residual Current Circuit Breaker - 4P - Type AC - 100 mA - 125 A




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**General Information**

Extended Product Type	F204 AC-125/0.1
Product ID	2CSF204001R2950
EAN	8012542941606
Catalog Description	Residual Current Circuit Breaker - 4P - Type AC - 100 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.

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**Technical**

Type of Residual Current	Type AC
Test Voltage (U <sub>t</sub> )	100-250 V
Maximum Surge Current	0.25 kA
Leakage Current Type	AC
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
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>
Wire Stripping Length	12 mm
Terminal Type	Screw Terminals

## Electrical

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	100 mA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Frequency (f)	50/60 Hz
Rated Frequency (f)	50 Hz
Power Loss	at Rated Operating Conditions per Pole 11.2 W Total 33.6 W

## 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
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	IP2X
Pollution Degree	2
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	69.5 mm
Product Net Weight	500 g
Built-In Depth (t <sub>2</sub> )	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
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## Installation

Instructions and Manuals	9AKK107991A6132 9AKK107991A0963
Mounting Type	DIN-Rail
Mounting Position	Any

## Popular Downloads

Data Sheet, Technical Information	9AKK107991A8329
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## External Classifications and Standards

ETIM 9	EC000003 - Residual current circuit breaker (RCCB)
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

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## Categories

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

