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 PRODUCT-DETAILS

## FI F204B-80/0.03

### FI F204B-80/0.03 Residual Current Circuit Breaker 4P Type B 30 mA




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#### General Information

Extended Product Type	FI F204B-80/0.03
Product ID	2CSF204501R1800
EAN	8012542988601
Catalog Description	FI F204B-80/0.03 Residual Current Circuit Breaker 4P Type B 30 mA
Long Description	FI F204B-80/0,03 Residual Current Circuit Breaker

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#### Technical

Standards	IEC/EN 61008-1, IEC/EN 61008-2-1, EN 62423
Type of Residual Current	Type B
Rated Voltage (U <sub>r</sub> )	230/400 V
Rated Operational Voltage	230 / 400 V AC
Rated Insulation Voltage (U <sub>i</sub> )	400 V
Test Voltage (U <sub>t</sub> )	200...250 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV

Input Voltage Type	AC
Rated Current (I <sub>n</sub> )	80 A
Rated Residual Current	30 mA
Rated Conditional Short-Circuit Current (I <sub>nc</sub> )	10 kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	1 kA
Maximum Surge Current	3 kA
Leakage Current Type	B
Frequency (f)	50 Hz
Rated Frequency (f)	50 Hz
Power Loss	Total 17.2 W at Rated Operating Conditions per Pole 5 W
Power Supply Connection	Arbitrary
Electrical Endurance	2000 cycle
Number of Poles	4
Number of Modular Spacings per DIN Rail	4
Operating Characteristic	Instantaneous (APR High Immunity)
Tightening Torque	3 N·m
Accessory Type	Signal/Auxiliary contact Motor operating device
Actuator Type	Toggle - Insulation group I - II, RAL 5022
Housing Type	Insulation group I - II, RAL 7035
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 50...50 mm <sup>2</sup>

## Material Compliance

RoHS Information	9AKK106713A5610
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	1260ecb6-5200-40ff-b2e0-368a5c7da280 Germany (DE)

## Environmental

Ambient Air Temperature	Operation -25 ... 40 °C Storage -40 ... 70 °C
Degree of Protection	Terminals IP20 Housing IP40
Pollution Degree	2
Resistance to Vibrations	20 Cycles with Load 0.8 In: 1g or 1mm 50 ... 150 ... 5 Hz

Resistance to Shock acc.  
to IEC 60068-2-27

25g 2 shocks 13 ms

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	72 mm
Product Net Height	85 mm
Product Net Depth / Length	75 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
E-Number (Finland)	3210596

## Certificates and Declarations

Declaration of Conformity - CE 9AKK106713A5610

## Installation

Instructions and Manuals 9AKK107992A0195

## 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

IDEA Granular Category Code (IGCC)

4875 >> Residual current circuit breaker (RCCB)

Object Classification Code

F

**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

