

PRODUCT-DETAILS

# F204 F-40/0.03

## F204 F-40/0.03 Residual Current Circuit Breaker



### General Information

Extended Product Type	F204 F-40/0.03
Product ID	2CSF204325R1400
EAN	8012542993131
Catalog Description	F204 F-40/0.03 Residual Current Circuit Breaker
Long Description	The RCCBs F200 series assures protection to people and installations against fault current to earth. Type F offers the same range of protection and functionality as an RCCB Type A APR, this means that they detect sinusoidal AC currents as well as pulsating DC currents.

### Technical

Standards	IEC/EN 61008 IEC/EN 62423
Product Name	Residual Current Circuit Breaker
Type of Residual Current	F type
Rated Voltage ( $U_r$ )	230/400 V
Rated Operational Voltage	230/400 V
Rated Insulation Voltage ( $U_i$ )	500 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4 kV
Input Voltage Type	AC
Rated Current ( $I_n$ )	40 A
Rated Residual Current	30 mA

Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	1 kA
Maximum Surge Current	4 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 3.2 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 25 ... 25 mm <sup>2</sup> Flexible 25 ... 25 mm <sup>2</sup>
Rated Cross-Section	4 - Multi-Wired 0...25 mm <sup>2</sup> 1 - Solid-Core 25...25 mm <sup>2</sup>

## Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP2X
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	Refer to RoHS

## Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.03 A
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## Dimensions

Width in Number of Modular Spacings	4
Product Net Width	0.070 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.360 kg
Built-In Depth (t <sub>2</sub> )	69 mm

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	80 mm
Package Level 1 Height	41 mm
Package Level 1 Depth / Length	94 mm

Package Level 1 Gross Weight	0.415 kg
Package Level 1 EAN	8012542993131

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## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

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## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5612
Environmental Information	Refer to RoHS
Instructions and Manuals	9AKK107991A6127
RoHS Information	2CSC423001K2702

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## Popular Downloads

Data Sheet, Technical Information	9AKK107991A8329
Instructions and Manuals	9AKK107991A6127

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## Classifications

ETIM 6	EC000003 - Residual current circuit breaker (RCCB)
ETIM 7	EC000003 - Residual current circuit breaker (RCCB)
ETIM 8	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
Object Classification Code	F

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## Categories

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

