

PRODUCT-DETAILS

# F204 B-40/0.3

## F204 B-40/0.3 Residual Current Circuit Breaker



### General Information

Extended Product Type	F204 B-40/0.3
Product ID	2CSF204568R3400
EAN	8012542342359
Catalog Description	F204 B-40/0.3 Residual Current Circuit Breaker
Long Description	The RCCBs F200 series assures protection to people and installations against fault current to earth. This product is manufactured according to international IEC standards, for the markets where it is required.

### Technical

Standards	IEC/EN 61008
Type of Residual Current	B type
Rated Voltage ( $U_r$ )	230/400 V
Rated Operational Voltage	230 / 400 V AC
Rated Insulation Voltage ( $U_i$ )	440 V
Test Voltage ( $U_t$ )	170-253 V AC
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4 kV
Dielectric Test Voltage	2500 V
Input Voltage Type	AC

Rated Current ( $I_n$ )	40 A
Rated Residual Current	300 mA
Rated Residual Breaking Capacity ( $I\Delta m$ )	1 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Impulse Current	I (max, 8 / 20 $\mu$ s) 3000 A
Maximum Surge Current	3 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	6.95 W
Electrical Endurance	10000 cycle 20000 cycle
Number of Poles	4
Number of Modular Spacings per DIN Rail	4
Operating Characteristic	Instantaneous (APR High Immunity)
Overtoltage Category	III
Position of Neutral Terminals	Right
Tightening Torque	2.8 N·m
Delay Time (T)	10 ms
Accessory Type	Auxiliary contact, Signal contact/auxiliary contact, Shunt trip, Undervoltage release, Overtoltage release, Motor operating device, Auto reclosing unit
Mounting Type	on DIN rail EN 60715 (35mm) by means of mounting clip
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Options Provided	None
Mounting Position	Any
Accessories Available	Yes
Number of Batteries	0
Cable Size	25 mm <sup>2</sup>
Connecting Capacity	Busbar 10 mm <sup>2</sup> Flexible 1 ... 25 mm <sup>2</sup> Stranded 1 ... 25 mm <sup>2</sup>
Rated Cross-Section	1 - Solid-Core 1 ... 25 mm <sup>2</sup>
Wire Stripping Length	12 mm
Terminal Type	Screw Terminals

## Environmental

Ambient Air Temperature	Operation -25 ... +70 °C
Degree of Protection	Housing IPX4 Terminals IP2X
Pollution Degree	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	0.1 mm or 1 g - 20 cycles at 5...150...5 Hz
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms

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## Dimensions

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Width in Number of Modular Spacings	4
Product Net Width	70 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.38 kg
Built-In Depth (t <sub>2</sub> )	69.5 mm

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## Container Information

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Package Level 1 Units	box 1 piece
Package Level 1 Width	80 mm
Package Level 1 Height	82 mm
Package Level 1 Depth / Length	94 mm
Package Level 1 Gross Weight	0.415 kg
Package Level 1 EAN	8012542342359
Package Level 2 Units	crate 3 piece
Package Level 2 Width	246 mm
Package Level 2 Height	94 mm
Package Level 2 Depth / Length	80 mm
Package Level 2 Gross Weight	1.25 kg
Package Level 2 EAN	8012542343950

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## Ordering

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Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
E-Number (Finland)	3214072
E-Number (Sweden)	2160172
Country of Origin	Italy (IT)

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## Certificates and Declarations (Document Number)

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Declaration of Conformity - CE	9AKK106713A5610
Instructions and Manuals	9AKK107992A0195
RoHS Information	9AKK106713A5610

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## Popular Downloads

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Data Sheet, Technical Information	9AKK107991A7569
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**Classifications**

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

**Categories**

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

