

PRODUCT-DETAILS

# F202 AC-80/0.03 IEC

## F202 AC-80/0.03 IEC Residual Current Circuit Breaker



### General Information

Extended Product Type	F202 AC-80/0.03 IEC
Product ID	2CSF202005R1800
EAN	8012542935902
Catalog Description	F202 AC-80/0.03 IEC 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 61008
Type of Residual Current	AC type
Rated Voltage ( $U_r$ )	230 V
Rated Operational Voltage	230 V
Rated Insulation Voltage ( $U_i$ )	500 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4 kV
Rated Current ( $I_n$ )	80 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	0.25 kA
Leakage Current Type	AC
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 4.5 W
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Number of Poles	2
Operating Characteristic	Instantaneous
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...35 mm <sup>2</sup> 1 - Solid-Core 35...35 mm <sup>2</sup>

## Environmental

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

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	277 V AC
Short-Circuit Current Rating (SCCR)	30 mA

## Dimensions

Width in Number of Modular Spacings	2
Product Net Width	0.035 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.200 kg

Built-In Depth (t <sub>2</sub> )	69 mm
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## 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	0.235 kg
Package Level 1 EAN	8012542935902
Package Level 2 Units	box 6 piece
Package Level 2 Width	96 mm
Package Level 2 Height	78 mm
Package Level 2 Depth / Length	240 mm
Package Level 2 Gross Weight	1350 g
Package Level 2 EAN	8012542935919

## Ordering

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

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5602
Environmental Information	Refer to RoHS
Instructions and Manuals	9AKK107991A6127
RoHS Information	2CSC423001K2702

## Popular Downloads

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

## 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

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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

