

PRODUCT-DETAILS

F202 A-80/0.03 110V

F202 A-80/0.03 110V Residual Current Circuit Breaker



General Information

Extended Product Type	F202 A-80/0.03 110V
Product ID	2CSF202199R1800
EAN	8012542343035
Catalog Description	F202 A-80/0.03 110V Residual Current Circuit Breaker
Long Description	The RCCBs F200 series assures protection against the effects of sinusoidal alternating and direct pulsating earth fault currents, protection, against indirect contacts and additional protection against direct (with sensitivity = 30 mA) contacts. Applications: residential, commercial, industrial. This particular series has the minimum operating voltage of test bottom 0f 110V and it is suitable for application at 230V.

Technical

Standards	IEC 61008 UL 1053
Product Name	Residual Current Circuit Breaker
Type of Residual Current	A type
Rated Voltage (U _r)	230 V
Rated Operational Voltage	230 V
Rated Insulation Voltage (U _i)	500 V
Test Voltage (U _t)	110 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV
Input Voltage Type	AC

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
Leakage Current Type	A
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, Suitable for 110V applications
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm ² Rigid 35 ... 35 mm ² Flexible 35 ... 35 mm ²
Rated Cross-Section	4 - Multi-Wired 0...35 mm ² 1 - Solid-Core 35...35 mm ²

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

Maximum Operating Voltage UL/CSA	277 V AC
Short-Circuit Current Rating (SCCR)	0.03 A

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_2)	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	0.235 kg
Package Level 1 EAN	8012542343035

Ordering

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

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
EPLAN Macro	9AKK106930A1238

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
EPLAN Function Definition	Ground fault current circuit-breaker / Ground fault current circuit breakers, 4 connection points / Ground fault current circuit breaker, two-pole 1/2 2/1 3/4 4/3
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
Object Classification Code	F

Categories

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

