

PRODUCT-DETAILS

# F202 AC-80/0.3

## F202 AC-80/0.3 Residual Current Circuit Breaker 2P AC type 300 mA



### General Information

Extended Product Type	F202 AC-80/0.3
Product ID	2CSF202001R3800
EAN	8012542914600
Catalog Description	F202 AC-80/0.3 Residual Current Circuit Breaker 2P AC type 300 mA
Long Description	The RCCBs F200 series assures protection to people and installations against fault current to earth. A large offer for standard instantaneous and selective AC and A types is completed with some configurations for special applications.

### Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 52,5 %
Sustainable Material Content	0 %
End of Life Instructions	9AKK108468A4361

### Eco Transparency

Environmental Product Declaration - EPD	9AKK108467A3700
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## Technical

Standards	IEC/EN 61008 UL 1053
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	300 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 and Amendment 2015/863 July 22, 2019
RoHS Information	9AKK106713A5602
REACH Declaration	9AKK108467A9482

## Environmental Information

Refer to RoHS

Conflict Minerals  
Reporting Template  
(CMRT)

9AKK108468A3363

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**Technical UL/CSA**


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Maximum Operating Voltage UL/CSA 277 V AC

Short-Circuit Current Rating (SCCR) 300 mA

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**Dimensions**


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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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**Ordering**


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Minimum Order Quantity 1 piece

Package Level 1 Units box 1 piece

Package Level 1 Gross Weight 0.235 kg

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**Certificates and Declarations**


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Declaration of Conformity - CE 9AKK106713A5602

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**Installation**


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Instructions and Manuals 9AKK107991A6127

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**Popular Downloads**


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Data Sheet, Technical Information 9AKK107991A8329

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**Classifications**


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ETIM 8 EC000003 - Residual current circuit breaker (RCCB)

ETIM 9 EC000003 - Residual current circuit breaker (RCCB)

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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
eClass	V11.0 : 27142201
Object Classification Code	F

### Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	2	piece
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	2	piece
2CDS200946R0001	S2C-H6-11R Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CSS200933R0011	F2C-A1 Shunt trip	F2C-A1	1	piece
2CSS200933R0012	F2C-A2 Shunt trip	F2C-A2	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage release	S2C-UA 230 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage release	S2C-UA 24 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release	S2C-UA 24 AC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage release	S2C-UA 48 DC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage release	S2C-UA 110 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage release	S2C-UA 400 AC	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage release	S2C-UA 12 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage release	S2C-UA 230 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage release	S2C-UA 110 DC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage release	S2C-UA 48 AC	1	piece
2CSS200910R0005	S2C-OVP1 Overvoltage release	S2C-OVP1	1	piece
2CSS200993R0005	S2C-OVP2 Overvoltage release	S2C-OVP2	1	piece
2CSF200997R0013	F2C-CM Motor operating device	F2C-CM	1	piece
2CSF200996R0013	F2C-ARI Auto-reclosing unit	F2C-ARI	1	piece

### Categories

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

