



PRODUCT-DETAILS

F202 AC-63/0.5

Residual Current Circuit Breaker 2P Type AC
500 mA



General Information	
Extended Product Type	F202 AC-63/0.5
Product ID	2CSF202001R4630
EAN	8012542781103
Catalog Description	Residual Current Circuit Breaker 2P Type AC 500 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.

ABB EcoSolutions	
ABB EcoSolutions	Yes
EcoSolutions Profile	9AKK108469A3794
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 82.05 %
Group Waste to Landfill Target	No non-hazardous waste is sent to a landfill UL 2799 Zero Waste To Landfill Validation available
Sustainable Material Content in Packaging	Recycled Paper - 00 % Recycled Paper - 04 % Recycled Cardboard - 29 % Recycled Cardboard - 61 % Recycled Cardboard - 03 %

Offered with Extended Lifetime	Product Durability
End of Life Instructions	9AKK108470A1748
Environmental Product Declaration - EPD	9AKK108469A9642

Technical

Standards	IEC/EN 61008 UL 1053
Type of Residual Current	Type AC
Rated Voltage (U_r)	230 V
Rated Operational Voltage	230 V
Rated Insulation Voltage (U_i)	500 V
Test Voltage (U_t)	110-254 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	63 A
Rated Residual Current	500 mA
Rated Conditional Short-Circuit Current (I_{nc})	10 kA
Maximum Surge Current	0.25 kA
Leakage Current Type	AC
Frequency (f)	50/60 Hz
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	2P
Number of Modular Spacings per DIN Rail	2
Operating Characteristic	Instantaneous
Tightening Torque	2.8 N·m
Accessory Type	Auxiliary contact Signal / auxiliary contact Shunt trip Auto re-closing units Motor operating device Overvoltage release Undervoltage release
Mounting Type	DIN-Rail
Options Provided	None
Mounting Position	Any
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm² Rigid 25 ... 25 mm² Flexible 25 ... 25 mm²
Rated Cross-Section	4 - Multi-Wired 0...25 mm² 1 - Solid-Core 25...25 mm²
Wire Stripping Length	12 mm
Terminal Type	Screw Terminals

Material Compliance

RoHS Information	9AKK106713A5602
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20211115
REACH Declaration	9AKK108467A9482
REACH Information	True - contains substances > 0.1 mass percentage

REACH Date	20240429
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 ... 55 °C Storage -40 ... 70 °C
Degree of Protection	IP2X
Pollution Degree	2
Resistance to Vibrations	20 Cycles with Load 0.8 In: 1g or 1mm 50 ... 150 ... 5 Hz
Resistance to Shock acc. to IEC 60068-2-27	25g 2 shocks 13 ms
Environmental Information	Refer to RoHS

Technical UL/CSA

Maximum Operating Voltage UL/CSA	277 V AC
Short-Circuit Current Rating (SCCR)	500 mA

Dimensions

Width in Number of Modular Spacings	2
Product Net Width	35 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	200 g
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.235 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK106713A5602
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Installation

Instructions and Manuals	9AKK107991A6127
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Popular Downloads

Data Sheet, Technical Information	9AKK107991A8329
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Classifications				
ETIM 8	EC000003 - Residual current circuit breaker (RCCB)			
ETIM 9	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			
eClass	V11.0 : 27142201			
IDEA Granular Category Code (IGCC)	4875 >> Residual current circuit breaker (RCCB)			
Object Classification Code	F			

Accessories				
Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200912R0001	Auxiliary Contact	S2C-H6R	2	piece
2CDS200922R0001	Signal / Auxiliary Contact	S2C-S/H6R	2	piece
2CDS200946R0001	Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0003	Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200946R0002	Auxiliary Contact	S2C-H6-20R	1	piece
2CSS200933R0011	Shunt trip	F2C-A1	1	piece
2CSS200933R0012	Shunt trip	F2C-A2	1	piece
2CSS200911R0005	Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0007	Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0002	Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0008	Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0004	Undervoltage Release	S2C-UA 110 AC	1	piece
2CSS200911R0006	Undervoltage Release	S2C-UA 400 AC	1	piece
2CSS200911R0001	Undervoltage Release	S2C-UA 12 DC	1	piece
2CSS200911R0010	Undervoltage Release	S2C-UA 230 DC	1	piece
2CSS200911R0009	Undervoltage Release	S2C-UA 110 DC	1	piece
2CSS200911R0003	Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200910R0005	Overvoltage Release	S2C-OVP1	1	piece
2CSS200993R0005	Overvoltage Release	S2C-OVP2	1	piece
2CSF201998R0034	Autoreclosing unit	F3C-AR24	1	piece
2CSF202998R0034	Autoreclosing unit	F3C-AR230	1	piece
2CSS201998R0033	Motor Operating Device	S3C-MOD24	1	piece
2CSS202998R0033	Motor Operating Device	S3C-MOD230	1	piece

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

