



PRODUCT-DETAILS

F202 AC-25/0.03

Residual Current Circuit Breaker F200 - 2P - 30 mA - 25 A - Type AC



General Information	
Extended Product Type:	F202 AC-25/0.03
Product ID:	2CSF202011R1250
EAN:	8012542045311
Catalog Description:	Residual Current Circuit Breaker F200 - 2P - 30 mA - 25 A - Type AC
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.
Display Name:	F202 AC-25/0.03

ABB EcoSolutions	
Carbon Footprint (Full Lifecycle):	3.971952 kg CO ₂ eq
EcoSolutions Profile:	9AKK108469A3794
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 82.05 %
ABB Site Meeting 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 (wt. %):	Recycled Paper - 0 % Recycled Paper - 3.91 % Recycled Cardboard - 29.08 % Recycled Cardboard - 61.23 % Recycled Cardboard - 2.66 %
Extended Product Lifetime:	Product Durability
Offered with Takeback Services:	Take Back for Recycling
End Of Life Disassembling Instructions:	9AKK108470A1748
Environmental Product Declaration - EPD:	9AKK108469A9642

Technical

Type of Residual Current:	Type AC
Test Voltage (U_t):	170-254 V
Dielectric Test Voltage:	2500 kV
Maximum Surge Current:	0.25 kA
Leakage Current Type:	AC
Electrical Endurance:	10000 cycle
Mechanical Endurance:	20000 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 Auxiliary/Signal contact Shunt trip Undervoltage release Overvoltage release Motor Operating Device Autoreclosing Unit Home automatic resetting unit
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
Options Provided:	None
Accessories Available:	Yes
Rated Cross-Section:	1 - Solid-Core 0...25 mm ² 4 - Multi-Wired 0...25 mm ²
Wire Stripping Length:	12 mm
Terminal Type:	Screw Terminals

Electrical

Rated Voltage (U_r):	230 V
Rated Operational Voltage:	230 V
Rated Insulation Voltage (U_i):	500 V
Rated Impulse Withstand Voltage (U_{imp}):	1 kV
Input Voltage Type:	AC
Rated Current (I_n):	25 A

Rated Residual Current:	30 mA
Rated Conditional Short-Circuit Current (I_{nc}):	
Frequency (f):	50/60 Hz
Rated Frequency (f):	50/60 Hz
Power Loss:	at Rated Operating Conditions per Pole 1 W Total 2 W

Design

Number of Modules:	2
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Material Compliance

RoHS Declaration:	9AKK106713A5602
RoHS Information:	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
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B:	Business To Consumer

Environmental

Ambient Air Temperature:	Operation -25 ... 55 °C Storage -40 ... 70 °C
Degree of Protection:	Terminals IP20 Housing IP40
Resistance to Vibrations:	20 Cycles with Load 0.8 In: 1g or 0.1mm 5...150...5 Hz
Resistance to Shock acc. to IEC 60068-2-27:	25g 2 shocks 13 ms
Environmental Information:	Refer to RoHS

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 (t₂):	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
Mounting Type:	DIN-Rail
Mounting Position:	Any

Popular Downloads

Data Sheet, Technical Information:	9AKK107991A8329
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External Classifications and Standards

ETIM 9:	EC000003 - Residual current circuit breaker (RCCB)
ETIM 10:	EC000003 - Residual current circuit breaker (RCCB)
eClass:	V11.0 : 27142201
IDEA Granular Category Code (IGCC):	4875 >> Residual current circuit breaker (RCCB)
Object Classification Code:	F

Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > Residual Current Devices RCDs > Residual Current Devices RCDs > F202

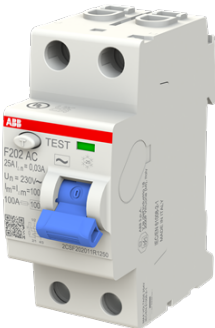


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