



PRODUCT-DETAILS

DS202CR C10 A30

Residual Current Circuit Breaker with Overcurrent Protection DS202CR - 2P - 30 mA - 10 A - C - Type A



General Information	
Extended Product Type	DS202CR C10 A30
Product ID	2CSR752140R1104
EAN	4022903033677
Catalog Description	Residual Current Circuit Breaker with Overcurrent Protection DS202CR - 2P - 30 mA - 10 A - C - Type A
Long Description	The DS202CR series RCBO is a 2P in two-modules device for the protection of end user single-phase circuits against overload and short-circuit currents. Protection against the effects of sinusoidal alternating and direct pulsating earth fault currents. Protection against indirect contacts and additional protection against direct contacts.
ABB EcoSolutions	
Environmental Product Declaration - EPD	9AKK108467A5738
Global Warming Potential GWP Total	Total 27.9642054 kilograms of carbon dioxide equivalent Manufacturing (Modules A1-A3) 14 kilograms of carbon dioxide equivalent Distribution (Module A4) 1.26 kilograms of carbon dioxide equivalent Installation (Module A5) 0.000504 kilograms of carbon dioxide equivalent Use (Modules B1-B7) 0.0037014 kilograms of carbon dioxide equivalent End of Life (Modules C1-C4) 12.7 kilograms of carbon dioxide equivalent

Technical

Type of Residual Current	Type A
Test Voltage (U_t)	Minimum 150 V Maximum 254 V
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	6 kA
Maximum Surge Current	0.25 kA
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 operations
Mechanical Endurance	20000 operations
Number of Protected Poles	2
Number of Poles	2P
Fault Indication	Blue Flag on Window
Operating Characteristic	Instantaneous
Position of Neutral Terminals	Right Left
Tightening Torque	4 N·m
Accessory Type	Auxiliary contact Signal contact / auxiliary contact
Earthing Switch Type	Undelayed
Accessories Available	Yes
Number of Batteries	0
Connecting Capacity	Busbar 10...10 mm ² Flexible 1...25 mm ² Rigid Solid 1...35 mm ²
Rated Cross-Section	1 - Solid-Core 1 ... 35 mm ² 4 - Multi-Wired 1 ... 25 mm ²
Wire Stripping Length	11 mm

Electrical

Tripping Characteristic	C
Rated Operational Voltage	acc. to IEC 60898-1 230 V
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	10 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity	6 kA
Rated Frequency (f)	50 Hz
Power Loss	Total 3.28 W
Overvoltage Category	III

Material Compliance

RoHS Declaration	9AKK108466A5162
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20220211
REACH Declaration	9AKK108467A9482
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20220525

Conflict Minerals
Reporting Template
(CMRT)

9AKK108468A3363

SCIP

16d43f0f-58e2-46e4-9af9-ecaae7a78c5e Poland

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

Degree of Protection

IP20

Pollution Degree

3

Environmental Conditions

28 cycle
with 55 °C / 90-96 %
and 25 °C / 95-100 %

Dimensions

Width in Number of
Modular Spacings

2

Product Net Width

36 mm

Product Net Height

86 mm

Product Net Depth /
Length

72 mm

Product Net Weight

0.220 kg

Built-In Depth (t₂)

72 mm

Ordering

Package Level 1 Units

box 1 piece

Package Level 1 Gross
Weight

0.245 kg

E-Number (Finland)

3217322

E-Number (Norway)

1629922

Certificates and Declarations

ABS Certificate

9AKK108467A7630

Declaration of Conformity
- CE

9AKK108470A7536

IMQ Certificate

9AKK108467A6463

NF Certificate

9AKK108467A7736

VDE Certificate

9AKK108467A7823

Installation

Instructions and Manuals

9AKK108466A5165

Mounting Type

DIN-Rail

Mounting Position

Any

Popular Downloads

Data Sheet, Technical
Information

9AKK108467A1864

External Classifications and Standards	
ETIM 9	EC000905 - Earth leakage circuit breaker
ETIM 10	EC000905 - Earth leakage circuit breaker
UNSPSC	39121601
eClass	V11.0 : 27142207
Object Classification Code	F
Standards	IEC/EN 61009-1 IEC/EN 61009-2-1

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO

