

PRODUCT-DETAILS

# DS203 M A-C50/0.03

## DS203 M A-C50/0.03 Residual Current Circuit Breaker with Overcurrent Protection



### General Information

Extended Product Type	DS203 M A-C50/0.03
Product ID	2CSR273101R1504
EAN	8012542850304
Catalog Description	DS203 M A-C50/0.03 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	The RCBOs DS200 series has the function to protect against overload and short-circuit currents; protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts.

### Technical

Standards	IEC/EN 60947-2 IEC/EN 61009-1
Tripping Characteristic	C
Type of Residual Current	A type
Rated Voltage ( $U_r$ )	400 V AC
Rated Operational Voltage	400 V AC
Rated Current ( $I_n$ )	50 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity	(400 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(400 V AC) 15 kA

Maximum Breaking Capacity	10 kA
Rated Frequency (f)	50 ... 60 Hz
Power Loss	18.4 W
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Number of Poles	3
Number of Protected Poles	3
Number of Earth Leakage Circuit Breakers (ELCBs)	1
Operating Characteristic	Instantaneous
Release Type	C
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm <sup>2</sup> Rigid 25 ... 25 mm <sup>2</sup> Flexible 25 ... 25 mm <sup>2</sup>

## Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
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	9AKK106713A5607
REACH Declaration	9AKK108467A9482
Environmental Information	Refer to RoHS
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Dimensions

Product Net Width	87 mm
Product Net Height	0.093 m
Product Net Depth / Length	69 mm
Product Net Weight	0.650 kg

## Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.71 kg

## Certificates and Declarations

Declaration of Conformity - CE	9AKK106713A5607
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## Installation

Instructions and Manuals	9AKK107045A1451
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## Popular Downloads

Data Sheet, Technical Information	9AKK107991A8329
EPLAN Macro	9AKK106930A1229

## Classifications

ETIM 8	EC002281 - Distributor assembly with combination RCCB/MCB
ETIM 9	EC002281 - Distributor assembly with combination RCCB/MCB
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
eClass	V11.0 : 27400618
Object Classification Code	F

## Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200909R0001	S2C-A1 Shunt Trip	S2C-A1	1	piece
2CDS200909R0002	S2C-A2 Shunt Trip	S2C-A2	1	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	1	piece
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200946R0001	S2C-H6-11R Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage release	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage release	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage release	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage release	S2C-UA 400 AC	1	piece
2CSS200998R0001	S2C-BP Mechanical tripping device	S2C-BP	1	piece

## Categories

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

