PRODUCT-DETAILS

DS203 M AC-B16/0.03

DS203 M AC-B16/0.03 Residual Current Circuit Breaker with Overcurrent Protection

General Information

Extended Product Type	DS203 M AC-B16/0.03
Product ID	2CSR273001R1165
EAN	8012542933502
Catalog Description	DS203 M AC-B16/0.03 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 aganist direct contacts.

Technical

Standards	IEC/EN 60947-2 IEC/EN 61009-1
Tripping Characteristic	B
Type of Residual Current	AC type
Rated Voltage (U_r)	400 V AC
Rated Operational Voltage	400 V AC
Rated Current (I_n)	16 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	10 kA

Capacity	
Rated Frequency (f)	50 … 60 Hz
Power Loss	6.6 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	B
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm² Rigid 16 ... 25 mm² Flexible 16 ... 25 mm²

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
Environmental Information	Refer to RoHS

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	30 mA

Dimensions

Product Net Width	122 mm
Product Net Height	0.093 m
Product Net Depth / Length	69 mm
Product Net Weight	0.610 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	80 mm
Package Level 1 Height	105 mm
Package Level 1 Depth / Length	100 mm
Package Level 1 Gross Weight	0.655 kg
Package Level 1 EAN	8012542933502

Ordering

Minimum Order Quantity	1 piece

Customs Tariff Number	85363030
Country of Origin	Italy (IT)

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5607
Environmental Information	Refer to RoHS
Instructions and Manuals	9AKK107045A1451
RoHS Information	2CSC423002K2701

Popular Downloads

Data Sheet, Technical Information	9AKK107991A8329
Instructions and Manuals	9AKK107045A1451
EPLAN Macro	9AKK106930A1227

Classifications

ETIM 7	EC002281 - Distributor assembly with combination RCCB/MCB
ETIM 8	EC002281 - Distributor assembly with combination RCCB/MCB
EPLAN Catalog Tree	Electrical engineering / Protection devices / Ground fault current circuit breaker
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 RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO