

PRODUCT-DETAILS

DS204 M A-B50/0.03

DS204 M A-B50/0.03 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DS204 M A-B50/0.03
Product ID	2CSR274101R1505
EAN	8012542848301
Catalog Description	DS204 M A-B50/0.03 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	B
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	4
Number of Protected Poles	4
Number of Earth Leakage Circuit Breakers (ELCBs)	1
Operating Characteristic	Instantaneous
Position of Neutral Terminals	Right Left
Release Type	B
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm ² Rigid 25 ... 25 mm ² Flexible 25 ... 25 mm ²

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	105 mm
Product Net Height	0.093 m
Product Net Depth / Length	69 mm
Product Net Weight	0.825 kg

Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.885 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	9AKK106930A1234

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 RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO

