



 PRODUCT-DETAILS

DS204 AC-C40/0.03

DS204 AC-C40/0.03 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DS204 AC-C40/0.03
Product ID	2CSR254001R1404
EAN	8012542874201
Catalog Description	DS204 AC-C40/0.03 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	Type AC
Rated Voltage (U_r)	400 V AC
Rated Operational Voltage	400 V AC
Rated Current (I_n)	40 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity	(400 V AC) 6 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 10 kA
Maximum Breaking Capacity	6 kA
Rated Frequency (f)	50 ... 60 Hz
Power Loss	21.6 W
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
Number of Protected Poles	4
Number of Poles	4
Number of Earth Leakage Circuit Breakers (ELCBs)	1
Operating Characteristic	Instantaneous
Position of Neutral Terminals	Right Left
Release Type	C
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm ² Rigid 16 ... 25 mm ² Flexible 16 ... 25 mm ²

Material Compliance

RoHS Information	9AKK106713A5607
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20211115
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Vibrations	20 Cycles with Load 0.8 In: 1g or 1mm 50 ... 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
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Dimensions

Product Net Width	105 mm
Product Net Height	0.093 m
Product Net Depth / Length	69 mm
Product Net Weight	0.780 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.83 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
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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

