PRODUCT-DETAILS

DS201 L C6 AC30-L

DS201 L C6 AC30-L Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DS201 L C6 AC30-L
Product ID	2CSR245041R1064
EAN	8012542157908
Catalog Description	DS201 L C6 AC30-L Residual Current Circuit Breaker with Overcurrent Protection
Long Description	The DS201 series RCBO is a 1P+N 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 earth fault currents; protection against indirect contacts and additional protection against direct contacts. This product is suitable for installations where neutral on the left is needed.

Technical

Standards	IEC 61009-1 IEC 61009-2-1 EN 61009-1 EN 61009-2-1
Tripping Characteristic	C
Type of Residual Current	AC type
Rated Voltage (U_r)	230-240 V AC

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Rated Operational Voltage	acc. to IEC 60898-1 240 V
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	6 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity	4.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	6 kA
Rated Conditional Short-Circuit Current (I_{nc})	6 kA
Rated Service Short-Circuit Breaking Capacity, in % of Icu (I_{cs})	4.5 kA
Maximum Surge Current	0.25 kA
Leakage Current Type	AC
Frequency (f)	50/60 Hz
Rated Frequency (f)	50 … 60 Hz
Power Loss	4.4 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	1
Number of Poles	1+N
Operating Characteristic	Instantaneous
Overvoltage Category	III
Position of Neutral Terminals	Left
Earthing Switch Type	Undelayed
Release Type	C
Options Provided	None
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm² Rigid 25 ... 25 mm² Flexible 25 ... 25 mm²
Rated Cross-Section	1 - Solid-Core 25 … 25 mm² 4 - Multi-Wired 1 … 16 mm²

Material Compliance

RoHS Information	9AKK106713A5588
RoHS Status	Following EU Directive 2011/65/EU

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RoHS Date	20140127
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25 … 55 °C
Degree of Protection	IP2X
Pollution Degree	2
Environmental Information	refer to RoHS information

Dimensions

Width in Number of Modular Spacings	2
Product Net Width	0.035 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.239 kg
Built-In Depth (t_2)	69 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.225 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK106713A5588

Installation

Instructions and Manuals	9AKK106354A0766

Popular Downloads

Data Sheet, Technical Information	No document needed

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Classifications

ETIM 8	EC000905 - Earth leakage circuit breaker
ETIM 9	EC000905 - Earth leakage circuit breaker
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363010
eClass	V11.0 : 27142207
Object Classification Code	F

Categories

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






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