

PRODUCT-DETAILS

# DS201 L C16 AC30-L

## DS201 L C16 AC30-L Residual Current Circuit Breaker with Overcurrent Protection

### General Information

Extended Product Type	DS201 L C16 AC30-L
Product ID	2CSR245041R1164
EAN	8012542162001
Catalog Description	DS201 L C16 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 (with sensitivity = 30 mA). 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
Rated Operational Voltage	230 / 240 V AC
Rated Insulation Voltage ( $U_i$ )	500 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4 kV

Input Voltage Type	AC
Rated Current ( $I_n$ )	16 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 $I_{cu}$ ( $I_{cs}$ )	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	3.4 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Poles	1+N
Number of Protected Poles	1
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 mm <sup>2</sup> Rigid 25 ... 25 mm <sup>2</sup> Flexible 25 ... 25 mm <sup>2</sup>
Rated Cross-Section	4 - Multi-Wired 1...16 mm <sup>2</sup> 1 - Solid-Core 25...25 mm <sup>2</sup>

## Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP2X
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	refer to RoHS information
REACH Declaration	9AKK108467A9482

## 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 <sub>2</sub> )	69 mm

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	106 mm
Package Level 1 Height	40 mm
Package Level 1 Depth / Length	80 mm
Package Level 1 Gross Weight	0.225 kg
Package Level 1 EAN	8012542162001
Package Level 2 Units	box 5 piece
Package Level 2 Width	0.200 m
Package Level 2 Height	0.106 m
Package Level 2 Depth / Length	0.080 m
Package Level 2 Gross Weight	1.125 kg
Package Level 2 EAN	8012542162018

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Italy (IT)

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5588
Environmental Information	refer to RoHS information
Instructions and Manuals	9AKK106354A0766
REACH Declaration	9AKK108467A9482
RoHS Information	9AKK106713A5588

## Popular Downloads

Data Sheet, Technical Information	No document needed
Instructions and Manuals	9AKK106354A0766

## Classifications

ETIM 7	EC000905 - Earth leakage circuit breaker
ETIM 8	EC000905 - Earth leakage 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 : 27142207

Object Classification Code

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## Categories

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