

PRODUCT-DETAILS

DS201 L C20 AC30-L

DS201 L C20 AC30-L Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DS201 L C20 AC30-L
Product ID	2CSR245041R1204
EAN	8012542162100
Catalog Description	DS201 L C20 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	500 V

(U_i)

Rated Impulse Withstand Voltage (U _{imp})	4 kV
Input Voltage Type	AC
Rated Current (I _n)	20 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	4.4 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 ² Rigid 25 ... 25 mm ² Flexible 25 ... 25 mm ²
Rated Cross-Section	4 - Multi-Wired 1...16 mm ² 1 - Solid-Core 25...25 mm ²

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 ₂)	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	8012542162100
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	8012542162117

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	F

Categories

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

