

PRODUCT-DETAILS

DS201 C20 APR30-L

DS201 C20 APR30-L Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DS201 C20 APR30-L
Product ID	2CSR255441R1204
EAN	8012542183303
Catalog Description	DS201 C20 APR30-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; provides an optimal trade-off between safety and continuity of service, thanks to the resistance to unwanted trippings; protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA); protection and isolation of resistive and inductive loads. 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
Product Name	Residual Current Circuit Breaker with Overcurrent Protection
Tripping Characteristic	C
Type of Residual Current	A 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)	20 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity (I_{cn})	6 kA
Rated Ultimate Short- Circuit Breaking Capacity (I_{cu})	10 kA
Rated Conditional Short- Circuit Current (I_{nc})	6 kA
Rated Service Short- Circuit Breaking Capacity, in % of I_{cu} (I_{cs})	6 kA
Maximum Surge Current	3 kA
Leakage Current Type	A
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 20000 cycle
Number of Poles	1+N
Number of Protected Poles	1
Operating Characteristic	Instantaneous (APR High Immunity)
Overvoltage Category	III
Position of Neutral Terminals	Left
Earthing Switch Type	Short-Time Delayed
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

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.03 A
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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	8012542183303
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	8012542183310

Ordering

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

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5588
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Environmental Information

refer to RoHS information

Instructions and Manuals	9AKK106354A0766
RoHS Information	2CSC422002K2701

Popular Downloads

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

Classifications

ETIM 6	EC000905 - Earth leakage circuit breaker
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
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

