

PRODUCT-DETAILS

# DS201 C20 AC300

## DS201 C20 AC300 - RCBO



### General Information

Extended Product Type	DS201 C20 AC300
Product ID	2CSR255040R3204
EAN	8012542506102
Catalog Description	DS201 C20 AC300 - RCBO
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).

### Technical

Standards	IEC 61009-1 IEC 61009-2-1 EN 61009-1 EN 61009-2-1
Type of Residual Current	AC type
Number of Poles	1+N
Number of Protected Poles	1
Rated Current ( $I_n$ )	20 A
Rated Residual Current	300 mA
Rated Voltage ( $U_r$ )	230-240 V AC

Rated Insulation Voltage ( $U_i$ )	500 V
Overvoltage Category	III
Pollution Degree	2
Rated Frequency (f)	50...60 Hz
Rated Short-Circuit Capacity ( $I_{cn}$ )	(230 / 400 V AC) 6 kA
Rated Ultimate Short- Circuit Breaking Capacity ( $I_{cu}$ )	10 kA
Tripping Characteristic	C
Energy Limiting Class	3
Electrical Endurance	10000 cycle 20000 cycle
Degree of Protection	IP2X
Connecting Capacity	Busbar 10 mm <sup>2</sup> Rigid 25 ...25 mm <sup>2</sup> Flexible 25 ...25 mm <sup>2</sup>
Power Supply Connection	Arbitrary
Position of Neutral Terminals	Right
Power Loss	4.4 W

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## Environmental

Ambient Air Temperature	Operation -25...55 °C
RoHS Status	Following EU Directive 2011/65/EU

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## Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.3 A
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## Dimensions

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

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## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	0.040 m
Package Level 1 Height	0.106 m
Package Level 1 Depth / Length	0.080 m
Package Level 1 Gross Weight	0.225 kg

Package Level 1 EAN	8012542506102
Package Level 2 Units	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	8012542506119

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## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Replacement Product ID (NEW)	2CSR255080R3204

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## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5588
Environmental Information	refer to RoHS information
Instructions and Manuals	9AKK106354A0766
RoHS Information	2CSC422002K2701

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## Popular Downloads

Data Sheet, Technical Information	2CSC400002D0209
Instructions and Manuals	9AKK106354A0766

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## Classifications

Object Classification Code	Q
ETIM 4	EC000905 - Earth leakage circuit breaker
ETIM 5	EC000905 - Earth leakage circuit breaker
ETIM 6	EC000905 - Earth leakage circuit breaker
ETIM 7	EC000905 - Earth leakage circuit breaker

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## Categories

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

