

PRODUCT-DETAILS

DS201 B10 AC30

DS201 B10 AC30 - RCBO



General Information

Extended Product Type	DS201 B10 AC30
Product ID	2CSR255040R1105
EAN	8012542280309
Catalog Description	DS201 B10 AC30 - 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)	10 A
Rated Residual Current	30 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	B
Energy Limiting Class	3
Electrical Endurance	10000 cycle 20000 cycle
Degree of Protection	IP2X
Connecting Capacity	Busbar 10 mm ² Rigid 25 ...25 mm ² Flexible 25 ...25 mm ²
Power Supply Connection	Arbitrary
Position of Neutral Terminals	Right
Power Loss	2.3 W

Environmental

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

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.03 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

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	8012542280309
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	8012542280316

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363010
Replacement Product ID (NEW)	2CSR255080R1105

Certificates and Declarations (Document Number)

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

Popular Downloads

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

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

Categories

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

