

PRODUCT-DETAILS

DS201 B13 A30

DS201 B13 A30 RCBO



General Information

Extended Product Type	DS201 B13 A30
Product ID	2CSR255180U1135
EAN	8012542350156
Catalog Description	DS201 B13 A30 RCBO
Long Description	The DS201 series is a 1P+N RCBO in two-modules width for the protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA).

Technical

Standards	IEC 61009-1:EN 61009-1 IEC 61009-2-1 EN 61009-2-1
Operating Characteristic	Instantaneous
Type of Residual Current	A type
Number of Poles	2
Number of Protected Poles	1
Rated Current (I_n)	13 A
Rated Current Sensitivity	0.03 A 230 V

Rated Voltage (U_r)	
Rated Insulation Voltage (U_i)	500 V
Overvoltage Category	III
Pollution Degree	2
Test Voltage (U_t)	170 ... 264 V
Rated Frequency (f)	50/60 Hz
Rated Short-Circuit Capacity (I_{cn})	6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	7.5 kA
Primary Rated Impulse Withstand Voltage	4 kV
Dielectric Test Voltage	2.5 kV
Tripping Characteristic	B
Energy Limiting Class	3
Housing Type	Insulation group I - II, RAL 7035
Contact Position Indication	Red ON / Green OFF
Fault Indication	Blue flag on toggle
Electrical Endurance	10000 cycle
	20000 cycle
Degree of Protection	IP20
	IP40
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms
Resistance to Vibrations acc. to IEC 60068-2-6	0.1 mm or 1 g - 20 cycles at 5...150...5 Hz
Environmental Conditions	28 cycles
	with 55 °C / 90-96 % and 25 °C / 95-100 %
Reference Ambient Air Temperature	30 °C
Terminal Type	Screw Terminals
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Cable Size	25 mm²
Connecting Capacity	10/10 mm²
	0.75 ... 25 mm²
	0.75 ... 16 mm²
	0.75 ... 16 mm²
Tightening Torque	2.8 N·m
Wire Stripping Length	12 mm
Mounting Type	on DIN rail EN 60715 (35mm) by means of mounting clip
Mounting Position	Any
Power Supply Connection	Arbitrary
Position of Neutral Terminals	Right
Power Loss	2.5 W

Number of Modular Spacings per DIN Rail	2
Accessory Type	Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Undervoltage release, Overvoltage release, Motor operating device

Environmental

Ambient Air Temperature	-25...55 °C
-------------------------	-------------

Dimensions

Product Net Width	0.035 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.200 kg

Container Information

Package Level 1 Units	box 48 piece
Package Level 1 Width	0.455 m
Package Level 1 Height	0.195 m
Package Level 1 Depth / Length	0.180 m
Package Level 1 Gross Weight	9.860 kg
Package Level 1 EAN	8012542350156

Ordering

Minimum Order Quantity	48 piece
Customs Tariff Number	85363010

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5588
Environmental Information	2CSC422002K2701
Instructions and Manuals	9AKK107492A6006
RoHS Information	2CSC422002K2701

Popular Downloads

Data Sheet, Technical Information	9AKK107492A1475
Instructions and Manuals	9AKK107492A6006

Classifications	
Object Classification Code	Q
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

