PRODUCT-DETAILS

DSE201 B50 A30 - N Blue

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General Information

Extended Product Type	DSE201 B50 A30 - N Blue
Product ID	2CSR255151R1505
EAN	8012542179337
Catalog Description	DSE201 B50 A30 - N Blue
Long Description	DSE201 is a 1P+N residual current circuit breaker with overcurrent protection (RCBO) in one module for the protection against short-circuit currents, overload, earth fault currents, indirect contacts, additional protection against direct contacts (30 mA versions). DSE201 is equipped with supply neutral wire and functional earth wire.

Technical

Standards	IEC 61009-1 IEC 61009-2-2 AS/NZS 61009-1
Operating Characteristic	Instantaneous
Type of Residual Current	A type
Number of Poles	1+N
Number of Protected Poles	1
Rated Current (I_n)	50 A
Rated Voltage (U_r)	230-240 V AC
Rated Insulation Voltage (U_i)	500 V
Overvoltage Category	III

Pollution Degree	2
Test Voltage (Ut)	195 … 264 V
Rated Frequency (f)	50...60 Hz
Rated Short-Circuit Capacity (I_{cn})	6 kA
Rated Residual Breaking Capacity (IΔm)	6 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 II, RAL 7035
Actuator Type	Toggle - Insulation group IIIA, black, sealable in ON-OFF positions
Electrical Endurance	10000 cycle
	20000 cycle
Degree of Protection	Housing IP40 Terminals IP20
Resistance to Shock acc. to IEC 60068-2-27	30g / 2 shocks / 13 ms
Resistance to Vibrations acc. to IEC 60068-2-6	0.35mm or 5g - 20 cycles at 5…150…5 Hz without load
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	Cage Terminal
Connecting Capacity	Busbar 10 mm² Rigid 25 …25 mm² Flexible 25 …25 mm²
Tightening Torque	Top 1.2 N·m Bottom 2.8 N·m
Mounting Type	on DIN rail EN 60715 (35 mm) by means of fast clip device in consumer unit Type A according to IEC 61439-1&3, BS EN 61439-1&3, in distribution board Type B according to IEC 61439-1&3, BS EN 61439-1&3.
Power Supply Connection	Bottom
Position of Neutral Terminals	Right
Power Loss	5.3 W

Environmental

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

Dimensions

Product Net Width	0.018 m
Product Net Height	0.115 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.200 kg

Container Information

Package Level 1 Units	box 1 piece

Package Level 1 Width	0.036 m
Package Level 1 Height	0.088 m
Package Level 1 Depth / Length	0.143 m
Package Level 1 Gross Weight	0.220 kg
Package Level 1 EAN	8012542179337

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5595
Instructions and Manuals	9AKK106930A0912
RoHS Information	2CSC422006K2701

Popular Downloads

Data Sheet, Technical Information	9AKK106930A0940
Instructions and Manuals	9AKK106930A0912

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

