PRODUCT-DETAILS

DSE201 M C20 AC300 - N Blue

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General Information

Extended Product Type	DSE201 M C20 AC300 - N Blue
Product ID	2CSR275051R3204
EAN	8012542186038
Catalog Description	DSE201 M C20 AC300 - N Blue
Long Description	DSE201 M 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 M is equipped with supply neutral wire and functional earth wire.

Technical

Standards	IEC 61009-1 IEC 61009-2-2 BS EN 61009-1 AS/NZS 61009
Operating Characteristic	Instantaneous
Type of Residual Current	AC type
Number of Poles	1+N
Number of Protected Poles	1
Rated Current (I_n)	20 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})	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	15 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	7.5 kA
Rated Residual Breaking Capacity (IΔm)	10 kA
Primary Rated Impulse Withstand Voltage	4 kV
Dielectric Test Voltage	2.5 kV
Tripping Characteristic	C
Energy Limiting Class	3
Housing Type	Insulation group II, RAL 7035
Actuator Type	Toggle - Insulation group II, black, sealable in ON-OFF positions
Contact Position Indication	Red ON / Green OFF
Fault Indication	Blue window
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 35 …35 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	3.0 W
Accessory Type	Auxiliary contact Signal contact / auxiliary contact Shunt trip Undervoltage release Overvoltage release Auxiliary contact for MCBs bottom fitting

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	8012542186038

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106930A0955
Instructions and Manuals	9AKK106930A0912
RoHS Information	9AKK106930A1510

Popular Downloads

Data Sheet, Technical Information	9AKK106930A0939
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

