

PRODUCT-DETAILS

# DSE201 M C50 AC30 - N Blue

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## General Information

Extended Product Type	DSE201 M C50 AC30 - N Blue
Product ID	2CSR275051R1504
EAN	8012542518235
Catalog Description	DSE201 M C50 AC30 - 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
Type of Residual Current	AC 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	500 V

(U<sub>i</sub>)

Overvoltage Category	III
Pollution Degree	2
Test Voltage (U <sub>t</sub> )	195 ... 264 V
Rated Frequency (f)	50...60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> )	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	15 kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	7.5 kA
Rated Residual Breaking Capacity (I <sub>Δm</sub> )	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 mm <sup>2</sup> Rigid 35 ...35 mm <sup>2</sup> Flexible 25 ...25 mm <sup>2</sup>
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
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	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	8012542518235

## 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

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## Categories

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

