PRODUCT-DETAILS

# DSE201 C50 A30 - N Blue

# DSE201 C50 A30 - N Blue



## General Information

| | |
|---|---|
| Extended Product Type | DSE201 C50 A30 - N Blue |
| Product ID | 2CSR255151R1504 |
| EAN | 8012542349532 |
| Catalog Description | DSE201 C50 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

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|---|---|
| Standards | IEC 61009-1<br>IEC 61009-2-2<br>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 |

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|---|---|
| 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 | C |
| 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<br>20000 cycle |
| Degree of Protection | Housing IP40<br>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<br>with 55 °C / 90-96 %<br>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<br>Rigid 25 …25 mm²<br>Flexible 25 …25 mm² |
| Tightening Torque | Top 1.2 N·m<br>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

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

## Dimensions

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|---|---|
| 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

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|---|---|
| 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 | 8012542349532 |

## Ordering

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|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85363030 |

## Certificates and Declarations (Document Number)

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

## Popular Downloads

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

## Classifications

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|---|---|
| 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

