PRODUCT-DETAILS

# SN201-C20

## Miniature circuit breaker - SN201 - 1+NP - C - 20 ampere



### Información General

| | |
|---|---|
| Extended Product Type | SN201-C20 |
| Product ID | 2CSS255101R0204 |
| EAN | 8012542092056 |
| Catalog Description | Miniature circuit breaker - SN201 - 1+NP - C - 20 ampere |
| Long Description | The SN201 series miniature circuit breaker is a 1P+N single-module device for the protection of circuits against overload and short circuit. It is suitable for the application in final distribution and protection of long cable lenghts in TN and IT systems |

### Technical

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|---|---|
| Standards | IEC/EN 60898-1 |
| Number of Poles | 1+N |
| Number of Protected Poles | 1 |
| Tripping Characteristic | C |
| Rated Current ($I_n$) | 20 A |
| Rated Operational Voltage | acc. to IEC 60898-1 230 V AC |
| Power Loss | at Rated Operating Conditions per Pole 4.8 W |
| Rated Insulation Voltage ($U_i$) | 500 V |
| Rated Short-Circuit | (400 V) 6 kA |

| | |
|---|---|
| Capacity ($I_{cn}$) | (230 V) 6 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | 10 kA |
| Rated Service Short-Circuit Breaking Capacity ($I_{cs}$) | 6 kA |
| Energy Limiting Class | 3 |
| Overvoltage Category | III |
| Pollution Degree | 2 |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 4 kV |
| Dielectric Test Voltage | 2.5 kV |
| Actuator Type | Toggle - Insulation group IIIA, black, sealable in ON/OFF positions |
| Contact Position Indication | I /0 |
| Degree of Protection | Housing IP40<br>Terminals IP20 |
| Electrical Endurance | 10000 cycle |
| | 20000 cycle |
| Connecting Capacity | Flexible 0 ... 10 mm²<br>Rigid 0 ... 16 mm² |
| Tightening Torque | 1.2 N·m |
| Mounting Position | Any |
| Built-In Depth ($t_2$) | 76 mm |
| Position of Neutral Terminals | Right |
| Power Supply Connection | Arbitrary |

## Ambiente

| | |
|---|---|
| Ambient Air Temperature | Funcionamiento -25...55 °C |
| Reference Ambient Air Temperature | 30 °C |
| Resistance to Shock acc. to IEC 60068-2-27 | 30g / 2 shocks / 13 ms |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 0.35 mm or 5 g - 20 cycles at 5…150…5 Hz |
| Environmental Conditions | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 % |
| RoHS Status | Following EU Directive 2011/65/EU |

## Dimensiones

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|---|---|
| Product Net Width | 0.018 m |
| Product Net Depth / Length | 0.069 m |
| Product Net Height | 0.085 m |
| Product Net Weight | 0.110 kg |

## Información de Embalaje

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|---|---|
| Package Level 1 Units | box 6 piece |
| Package Level 1 Width | 0.11 m |
| Package Level 1 Depth / Length | 0.092 m |
| Package Level 1 Height | 0.075 m |
| Package Level 1 Gross Weight | 0.684 kg |
| Package Level 1 EAN | 8012542092063 |

## Clasificación

| | |
|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362010 |

## Certificados y Declaraciones (Número de Documento)

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|---|---|
| Declaration of Conformity - CE | 9AKK106713A5572 |
| Environmental Information | refer to RoHS information |
| Instructions and Manuals | document not needed |

## Descargas Populares

| | |
|---|---|
| Data Sheet, Technical Information | 2CSC400002D0209 |
| Instructions and Manuals | document not needed |

## Clasificaciones

| | |
|---|---|
| Object Classification Code | Q |
| ETIM 6 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7 | EC000042 - Miniature circuit breaker (MCB) |

## Categorias

Productos y sistemas de baja tensión → Aparatos modulares de instalación → Interruptores automáticos modulares

