

PRODUCT-DETAILS

# SN201-B10

## SN201-B10 Miniature circuit breaker - 1+NP - B - 10 A



### General Information

Extended Product Type	SN201-B10
Product ID	2CSS255101R0105
EAN	8012542090854
Catalog Description	SN201-B10 Miniature circuit breaker - 1+NP - B - 10 A
Long Description	The SN201 series miniature circuit breaker is a 1P+N device in 1 module for the protection of circuits against overload and short circuit. Neutral is on the right

### Technical

Standards	IEC/EN 60898-1
Tripping Characteristic	B
Rated Voltage ( $U_r$ )	230 V AC
Rated Operational Voltage	acc. to IEC 60898-1 230/240 V AC
Rated Insulation Voltage ( $U_i$ )	500 V AC
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4 kV
Dielectric Test Voltage	2.5 kV
Primary Rated Impulse Withstand Voltage	4 kV
Input Voltage Type	AC

Rated Current ( $I_n$ )	10 A
Rated Short-Circuit Capacity	(230 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(230 V AC) 10 kA
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(230 V AC) 6 kA
Rated Frequency (f)	50/60 Hz
Power Loss	1.9 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Poles	1+N
Number of Protected Poles	1
Number of Modular Spacings per DIN Rail	1
Overvoltage Category	III
Position of Neutral Terminals	Right
Tightening Torque	1.2 N·m
Accessory Type	Auxiliary contact Signal contact / auxiliary contact Shunt trip Undervoltage release
Actuator Type	Toggle - Insulation group IIIA, black, sealable in ON-OFF positions
Housing Type	Insulation group II, RAL 7035
Screw Terminal Type	Cage Terminal
Mounting Position	Any
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm <sup>2</sup> Rigid 1 ... 16 mm <sup>2</sup> Flexible 1 ... 10 mm <sup>2</sup>
Wire Stripping Length	11 mm
Terminal Type	Screw Terminals

## Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25 ... 55 °C Storage -40 ... 70 °C
Reference Ambient Air Temperature	30 °C
Degree of Protection	Housing IP40 Terminals IP20
Pollution Degree	2
Environmental Conditions	28 cycles ;with 55 °C / 90-96 %

	;and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	0.35mm or 5g - 20 cycles at 5...150...5 Hz without load
Resistance to Shock acc. to IEC 60068-2-27	30g 2 shocks 13 ms
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	refer to RoHS information

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## Dimensions

Width in Number of Modular Spacings	1
Product Net Width	0.018 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.110 kg
Built-In Depth (t <sub>2</sub> )	76 mm

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## Container Information

Package Level 1 Units	box 6 piece
Package Level 1 Width	0.11 m
Package Level 1 Height	0.075 m
Package Level 1 Depth / Length	0.092 m
Package Level 1 Gross Weight	0.684 kg
Package Level 1 EAN	8012542090861

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## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
E-Number (Finland)	3217761
E-Number (Sweden)	2100315
Country of Origin	Italy (IT)

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## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106713A5572
Environmental Information	refer to RoHS information
Instructions and Manuals	No document needed
RoHS Information	9AKK106713A5572

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## Popular Downloads

Data Sheet, Technical	2CSC400002D0209
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## Information

Instructions and Manuals

No document needed

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**Classifications**

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85362010
eClass	V11.0 : 27141901
Object Classification Code	F

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**Accessories**

Identifier	Description	Type	Quantity	Unit Of Measure
2CSS200924R0001	SN201-S Signal contact	SN201-S	1	piece
2CSS200923R0001	SN201-IH Interface module with auxiliary contact	SN201-IH	1	piece
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	1	piece
2CSS200933R0011	F2C-A1 Shunt trip	F2C-A1	1	piece
2CSS200933R0012	F2C-A2 Shunt trip	F2C-A2	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage release	S2C-UA 12 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage release	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage release	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage release	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage release	S2C-UA 400 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage release	S2C-UA 24 DC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage release	S2C-UA 48 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage release	S2C-UA 110 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage release	S2C-UA 230 DC	1	piece

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**Categories**

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs

