SN201 L C16-L

Miniature circuit breaker - SN201L - 1+NP - C - 16 ampere



General Information

Extended Product Type	SN201 L C16-L
Product ID	2CSS245102R0164
EAN	8012542085751
Catalog Description	Miniature circuit breaker - SN201L - 1+NP - C - 16 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. This product is suitable for installations where neutral on the Left is needed.

Technical

Standards	IEC/EN 60898-1
Number of Poles	1+N
Tripping Characteristic	C
Rated Current (I_n)	16 A
Rated Operational Voltage	acc. to IEC 60898-1 230 V AC
Power Loss	at Rated Operating Conditions per Pole 3.6 W
Rated Insulation Voltage (U_i)	500 V
Rated Short-Circuit Capacity (I_{cn})	(230 / 400 V AC) 4.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	6 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	4.5 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 Terminals IP20
Electrical Endurance	10000 cycle
	20000 cycle
Connecting Capacity	Flexible 10/10 mm² Stranded 16/16 mm² Solid 16/16 mm²
Tightening Torque	1.2 N·m
Mounting Position	Any

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Environmental

Ambient Air Temperature	Operation -25...55 °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 with 55 °C / 90-96 % and 25 °C / 95-100 %
RoHS Status	Following EU Directive 2011/65/EU

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Dimensions

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

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Container Information

Package Level 1 Units	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	8012542085768

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Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

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Certificates and Declarations (Document Number)

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

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Popular Downloads

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

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Classifications

Object Classification Code	Q
ETIM 4	EC000042 - Miniature circuit breaker (MCB)
ETIM 5	EC000042 - Miniature circuit breaker (MCB)
ETIM 6	EC000042 - Miniature circuit breaker (MCB)

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Categories

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

