



 PRODUCT-DETAILS

SN201S L-C16-L

Miniature circuit breaker - SN201SL - N Left -
1P+N - 16 A - C - (230 V) 4.5 kA



General Information

Extended Product Type:	SN201S L-C16-L
Product ID:	2CSS245202R0164
EAN:	8012542086857
Catalog Description:	Miniature circuit breaker - SN201SL - N Left - 1P+N - 16 A - C - (230 V) 4.5 kA
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 left. Screwless solution for a faster installation
Display Name:	SN201S L-C16-L

ABB EcoSolutions

EcoSolutions Profile:	9AKK108471A1004
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 90.63 %
Sustainable Material Content in Packaging (wt. %):	Recycled Paper - 00 % Recycled Cardboard - 79 %
Extended Product Lifetime:	Product Durability

End Of Life Disassembling Instructions: 9AKK108469A7476

Environmental Product Declaration - EPD: 9AKK108469A9820

Technical

Dielectric Test Voltage:	50 / 60 Hz - 1 min 2 kV
Primary Rated Impulse Withstand Voltage:	4 kV
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(230 V) 6 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(230 V AC) 4.5 kA
Power Supply Connection:	Top
Contact Position Indication:	ON / OFF
Energy Limiting Class:	3
Electrical Endurance:	10000 cycle
Mechanical Endurance:	20000 cycle
Number of Protected Poles:	1
Number of Poles:	1P+N
Number of Modular Spacings per DIN Rail:	1
Position of Neutral Terminals:	Left
Actuator Type:	Toggle
Accessories Available:	Yes
Connecting Capacity:	Flexible 1 ... 10 mm ² Rigid 1 ... 16 mm ²
Wire Stripping Length:	11 mm
Terminal Type:	Screwless Terminals

Electrical

Tripping Characteristic:	C
Rated Voltage (U_r):	230 V AC
Rated Operational Voltage:	acc. to IEC 60898-1 230 V
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U_{imp}):	4 kV
Input Voltage Type:	AC
Rated Current (I_n):	16 A
Rated Short-Circuit Capacity:	(230 V) 4.5 kA
Rated Frequency (f):	50 / 60 Hz
Power Loss:	Total 3.6 W
Overvoltage Category:	III

Design

Housing Material: Insulation group II, RAL 7035

Material Compliance

RoHS Declaration:	9AKK106713A5572
RoHS Information:	Following EU Directive 2011/65/EU
RoHS Date:	20190722
Conflict Minerals Reporting Template (CMRT):	9AKK108468A3363
SCIP:	e3575def-71ce-4f2f-9bde-633052ba31d0 Italy
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B:	Business To Consumer

Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C
Reference Ambient Air Temperature:	30 °C
Degree of Protection:	IP20
Pollution Degree:	2
Environmental Conditions:	28 cycles ;with 55 °C / 90-96 % ;and 25 °C / 95-100 %
Resistance to Vibrations:	20 Cycles with Load 0.8 In: 5g or 0.35mm 5 ... 150 ... 5 Hz
Resistance to Shock acc. to IEC 60068-2-27:	30g 2 shocks 13 ms
Environmental Information:	refer to RoHS information

Dimensions

Width in Number of Modular Spacings:	1
Product Net Width:	18 mm
Product Net Height:	85 mm
Product Net Depth / Length:	69 mm
Product Net Weight:	110 g
Built-In Depth (t₂):	69 mm

Ordering

Package Level 1 Units:	box 6 piece
Package Level 1 Gross Weight:	0.684 kg

Certificates and Declarations

Declaration of Conformity - CE: 9AKK106713A5572

Installation

Instructions and Manuals: No document needed

Mounting Position: Any

Popular Downloads

Data Sheet, Technical Information: 2CSC400002D0209

External Classifications and Standards

ETIM 9: EC000042 - Miniature circuit breaker (MCB)

ETIM 10: EC000042 - Miniature circuit breaker (MCB)

UNSPSC: 39121603

eClass: V11.0 : 27141901

Object Classification Code: F

Standards: IEC/EN 60898-1

Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > Miniature Circuit Breakers MCBs > Miniature Circuit Breakers MCBs > SN201S L - N Left



