PRODUCT-DETAILS

SN201S L-C20-L

Miniature circuit breaker - 1+NP - C - 20 A



General Information

Extended Product Type	SN201S L-C20-L
Product ID	2CSS245202R0204
EAN	8012542086956
Catalog Description	Miniature circuit breaker - 1+NP - C - 20 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 left. Screwless solution for a faster installation

ABB EcoSolutions

ABB EcoSolutions	Yes
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 90.63 %
Sustainable Material Content in Packaging	Recycled Paper - 00 % Recycled Cardboard - 79 %
Offered with Extended Lifetime	Product Durability
End of Life Instructions	9AKK108469A7476

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Environmental Product Declaration - EPD	9AKK108469A9820

Technical

Standards	IEC/EN 60898-1
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
Dielectric Test Voltage	2 kV
Primary Rated Impulse Withstand Voltage	4 kV
Input Voltage Type	AC
Rated Current (I_n)	20 A
Rated Short-Circuit Capacity	(230 V) 4.5 kA
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
Rated Frequency (f)	50/60 Hz
Power Loss	4.8 W
Power Supply Connection	Top
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	1
Number of Poles	1+N
Number of Modular Spacings per DIN Rail	1
Overvoltage Category	III
Position of Neutral Terminals	Left
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
Mounting Position	Any
Accessories Available	Yes
Connecting Capacity	Flexible 1 … 10 mm² Rigid 1 … 16 mm²
Wire Stripping Length	11 mm
Terminal Type	Screwless Terminals

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Material Compliance

RoHS Information	9AKK106713A5572
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20190722
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Temperature	-25...55 °C
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	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_2)	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

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Popular Downloads

Data Sheet, Technical Information	2CSC400002D0209

Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	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

Categories

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





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