

PRODUCT-DETAILS

SB201M-C16

SB201M-C16 Miniature Circuit Breaker - 1P - C - 16 A



General Information

Extended Product Type	SB201M-C16
Product ID	1SYS271012R0164
Catalog Description	SB201M-C16 Miniature Circuit Breaker - 1P - C - 16 A
Long Description	System pro M compact SB200M Miniature Circuit Breakers are current limiting. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C,D), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 240/415 V AC) and rated currents (up to 63A). All MCBs of the product range SB200M comply with IS/IEC 60898-1, allowing the use for residential, commercial and industrial applications.

Technical

Standards	IS/IEC 60898-1
Tripping Characteristic	C
Rated Voltage (U_r)	240 / 415 V
Operational Voltage	Maximum 264 V AC Maximum 60 V DC
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Rated Current (I_n)	16 A
Rated Operational Current (I_e)	16 A
Rated Short-Circuit Capacity	10 kA

Rated Service Short-Circuit Breaking Capacity (I_{cs})	10000 kA
Frequency (f)	50 Hz
Rated Frequency (f)	50 Hz
Energy Limiting Class	3
Electrical Endurance	20000AC cycle
Mechanical Endurance	20000 cycle
Number of Poles	1
Number of Protected Poles	1
Overvoltage Category	III
Tightening Torque	2 N·m
Actuator Type	Toggle
Screw Terminal Type	Cage Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Housing Material	Insulation Group II, RAL 7035
Mounting Position	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Remarks	IP40 in enclosure with cover
Connecting Capacity	rigid: 25 mm ² ; flexible: 16 mm ²

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Degree of Protection	IP20
Pollution Degree	2
Environmental Conditions	28 cycle 55°C @ 90-96% 25°C @ 95-100%
Resistance to Vibrations acc. to IEC 60068-2-6	5g - 20 cycles, at 5 ... 150 Hz, 6g at 35 Hz with load 0.8 In
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shock / 13 ms

Dimensions

Product Net Width	17.5 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.12 kg
Built-In Depth (t_2)	69 mm

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	88 mm
Package Level 1 Height	76 mm
Package Level 1 Depth / Length	19 mm
Package Level 1 Gross	0.125 kg

Weight

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
Country of Origin	India (IN)

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK107492A2248
Instructions and Manuals	No document needed
RoHS Information	1SYM100001D1015

Popular Downloads

Data Sheet, Technical Information	No document needed
Instructions and Manuals	No document needed

Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	Product Not in WEEE Scope
eClass	V11.0 : 27141901
Object Classification Code	F

Categories

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

