



 PRODUCT-DETAILS

SB201M-C16 T-Bulk pack (72Nos.)

Miniature Circuit Breaker - 1P - C - 16 A



General Information

Extended Product Type	SB201M-C16 T-Bulk pack (72Nos.)
Product ID	1SYS271012T0164
Catalog Description	Miniature Circuit Breaker - 1P - C - 16 A
Long Description	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.

Technical

Standards	IEC 60947-2 at Icu 10kA
Tripping Characteristic	C
Rated Voltage (U _r)	240/415 V
Rated Operational Voltage	240/415 V
Operational Voltage	Maximum 264 V AC Maximum 60 V DC
Maximum Operating Voltage	264 V AC 60 V DC
Rated Impulse	4 kV

Withstand Voltage (U_{imp})	
Rated Current (I_n)	16 A
Rated Operational Current (I_e)	16 A
Rated Short-Circuit Capacity	7.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(IEC 60947-2) 10 kA
Frequency (f)	50/60 Hz
Rated Frequency (f)	50/60 Hz
Energy Limiting Class	3
Electrical Endurance	20000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	1
Number of 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

Material Compliance

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

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	acc. to IEC60947-2 50 °C
Degree of Protection	IP20
Pollution Degree	3
Resistance to Vibrations	20 Cycles with Load 0.8 In: 5g 5 ... 150 Hz 20 Cycles with Load 0.8 In: 6g 35 Hz
Resistance to Shock acc. to IEC 60068-2-27	25g 2 shocks 13 ms
Environmental Information	No document needed

Dimensions

Product Net Width	17.5 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.115 kg
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	box 72 piece
Package Level 1 Gross Weight	8.3 kg

Certificates and Declarations

Declaration of Conformity - CE	No declaration needed
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Installation

Instructions and Manuals	No document needed
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Popular Downloads

Data Sheet, Technical Information	9AKK108468A5745
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Classifications

WEEE Category	Product Not in WEEE Scope
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Categories

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

