

PRODUCT-DETAILS

SH201T-C16

Miniature Circuit Breaker - SH200T - 1P - 16 A - C



General Information	
Extended Product Type	SH201T-C16
Product ID	2CDS231001R0164
EAN	4016779631983
Catalog Description	Miniature Circuit Breaker - SH200T - 1P - 16 A - C
Long Description	Compact Home SH200T 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), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 3 kA at 230/400 V AC) and rated currents (up to 40 A). All MCBs of the product range SH200T comply with IEC/EN 60898-1, allowing the use for residential applications.

ABB EcoSolutions	
Environmental Product	9AKK108468A1580
Declaration - EPD	9AKK108468A8288

Technical

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Capacity (230 / 400 V AC) 3 kA (230 V) 3 kA (230 V) 3 kA Rated Conditional Short- (230 V) 3 kA Circuit Current (Inc) (400 V) 3 kA	Rated Current (In)	16 A
Circuit Current (I _{nc}) (400 V) 3 kA		(230 / 400 V AC) 3 kA
Rated Frequency (f) 50 / 60 Hz		
	Rated Frequency (f)	50 / 60 Hz

Overvoltage Category

Design	
Housing Material	Insulation Group II, RAL 7035

2.5 W

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at Rated Operating Conditions per Pole 2.5 W

Material Compliance	
RoHS Information	2CDK400030D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	0335
REACH Declaration	9AKK107492A1906
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240821
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

Environmental	
Ambient Air	Operation -25 +55 °C
Temperature	Storage -40 +70 °C
Reference Ambient Air	30 °C
Temperature	
Degree of Protection	IP20
	Enclosure with Cover IP40
Pollution Degree	2
Environmental	28 cycles
Conditions	with 55 °C / 90-96 %
	and 25 °C / 95-100 %
Resistance to Vibrations	20 Cycles with Load 0.8 In: 5g 5 150 5 Hz
Resistance to Shock acc.	25g 2 shocks 13 ms
to IEC 60068-2-27	-
Environmental	2CDK400030D0201
Information	

Dimensions	
Width in Number of Modular Spacings	1.0
Product Net Width	17.5 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.125 kg
Pole Net Weight	0.125 kg
Built-In Depth (t ₂)	69 mm

Ordering	
Package Level 1 Units	carton 10 piece
Package Level 1 Gross Weight	1.29 kg

Certificates and Declarations	
Declaration of	2CDK400607D2703
Conformity - CE	

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Installation	
Instructions and Manuals	2CDS207105P0001
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	any

Popular Downloads

Data Sheet, Technical Information 2CSC400030D0202

External Classifications and Standards	
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4897 >> Miniature circuit breakers
Object Classification Code	F
Standards	IEC/EN 60898-1
Certification Agency	EN

Categories

Low Voltage Products and Systems \rightarrow Modular DIN Rail Products \rightarrow Miniature Circuit Breakers MCBs \rightarrow Miniature Circuit Breakers MCBs \rightarrow SH200T









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