

SH201-C25

General Information

Extended Product Type:	SH201-C25
Product ID:	2CDS211001R0254
EAN:	4016779630689
Catalog Description:	Miniature Circuit Breaker - SH200 - 1P - C - 25 ampere
Long Description:	Compact Home SH200 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 6 kA at 230/400 V AC) and rated currents (up to 40 A). All MCBs of the product range SH200 comply with IEC/EN 60898-1, allowing the use for residential applications.

Categories

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

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010

Popular Downloads

Data Sheet, Technical Information:	2CSC400030D0202
Instructions and Manuals:	Printed on packaging

Dimensions

Product Net Width:	17.5 mm
Product Net Depth / Length:	69 mm
Product Net Height:	85 mm
Product Net Weight:	0.125 kg

Technical

Standards:	IEC/EN 60898-1
Number of Poles:	1
Tripping Characteristic:	C
Rated Current (I_n):	25 A
Rated Operational Voltage:	acc. to IEC 60898-1 230 / 400 V AC
Power Loss:	3.2 W at Rated Operating Conditions per Pole 3.2 W
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Maximum 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I_{cn}):	(230 / 400 V AC) 6 kA
Energy Limiting Class:	3
Overvoltage Category:	III
Pollution Degree:	2
Rated Impulse Withstand Voltage (U_{imp}):	4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m)
Dielectric Test Voltage:	50 / 60 Hz, 1 min: 2 kV
Housing Material:	Insulation Group II, RAL 7035
Actuator Type:	Toggle
Contact Position Indication:	ON / OFF
Degree of Protection:	IP20
Remarks:	IP40 in enclosure with cover
Electrical Endurance:	20000 AC cycle
Mechanical Endurance (N_{endu}):	20000 cycle
Terminal Type:	Screw Terminals
Screw Terminal Type:	Cage Terminal
Connecting Capacity:	Conductor 25 / 25 mm ² Flexible with Ferrule 0.75 ... 16 mm ² Flexible 0.75 ... 16 mm ² Rigid 0.75 ... 25 mm ² Stranded 0.75 ... 25 mm ²
Tightening Torque:	2 N·m
Recommended Screw Driver:	Pozidriv 2
Mounting on DIN Rail:	

TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715

TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715

Mounting Position: Any**Environmental****Ambient Air Temperature:** Operation -25 ... +55 °C
Storage -40 ... +70 °C**Resistance to Shock acc. to IEC 60068-2-27:** 25g / 2 shocks / 13 ms**Resistance to Vibrations acc. to IEC 60068-2-6:** 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In**Environmental Conditions:** 28 cycles
with 55 °C / 90-96 %
and 25 °C / 95-100 %**RoHS Status:** Following EU Directive 2002/95/EC August 18, 2005 and amendment**Certificates and Declarations (Document Number)****Declaration of Conformity - CE:** [9AKK107046A5460](#)**Environmental Information:** [2CDK400030D0201](#)**Instructions and Manuals:** [Printed on packaging](#)**RoHS Information:** [2CDK400030D0201](#)**Container Information****Package Level 1 Units:** 10 piece**Package Level 1 Width:** 92 mm**Package Level 1 Depth / Length:** 183 mm**Package Level 1 Height:** 80 mm**Package Level 1 Gross Weight:** 1.3 kg**Package Level 2 EAN:** 4016779988049**Classifications****Object Classification Code:** F**ETIM 4:** EC000042 - Miniature circuit breaker (MCB)**ETIM 5:** EC000042 - Miniature circuit breaker (MCB)**ETIM 6:** EC000042 - Miniature circuit breaker (MCB)**ETIM 7:** EC000042 - Miniature circuit breaker (MCB)**eClass:** 7.0 27141901**UNSPSC:** 39121614