Miniature Circuit Breakers SH202L-C25

ABB contact for Malaysia

Low Voltage

General Information

 Extended Product Type:
 SH202L-C25

 Product ID:
 2CDS242001R0254

 EAN:
 4016779633383

Catalog Description:

Miniature Circuit Breakers MCBs - SH200L - Number of Poles 2 - Tripping characteristic C - Rated Current 25.00 A

Long Description:

Compact Home SH200L 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 4,5 kA at 230/400 V AC) and rated currents (up to 40 A). All MCBs of the product range SH200L 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

 Extended Product Type:
 SH202L-C25

 Product ID:
 2CDS242001R0254

 EAN:
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Minimum Order Quantity:1 pieceCountry of Origin:Germany (DE)

Container Information

Package Level 1 Units:5 piecePackage Level 1 Width:92.0 mmPackage Level 1 Length:183.0 mmPackage Level 1 Height:80.0 mmPackage Level 1 Gross Weight:1.300 kg

Dimensions

Product Net Width:35.0 mmProduct Net Depth:69.0 mmProduct Net Height:85.0 mmProduct Net Weight:0.250 kg

Technical

Standards: IEC/EN 60898-1

Number of Poles:2Tripping Characteristic:CRated Current (25.00 A

In

Rated Operational Voltage (U_e): 400 V AC

Rated Insulation Voltage (U_i): Phase to Ground 250 V AC Phase to Phase 500 V AC

Operational Voltage:Maximum 440 V AC
Minimum 12 V AC

Rated Frequency (f_r): 50 / 60 Hz Rated Short-Circuit Capacity (4.5 kA

 I_{cn}

):

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:** Insulation group II, black, sealable

Actuator Marking: 1/0 **Contact Position Indication:** ON / OFF **Degree of Protection:** IP20

Remarks: IP40 in enclosure with cover

Electrical Endurance (Nelec): 20000 ops. cycle Mechanical Endurance (Nendu): 20,000 cycle **Terminal Type:** Screw Terminals **Screw Terminal Type:** Cable Clamp

Connecting Capacity: Conductors: 25 / 25 mm²

Rigid 0.75...25 mm² Stranded 0.75...25 mm² Flexible 0.75...16 mm²

Flexible with Ferrule 0.75...16 mm²

Tightening Torques: 2 N·m **Recommended Screw Driver:** Pozidrive 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

Reference Temperature for Tripping

Characteristics:

30 °C

Resistance to Shock acc. to IEC 60068-2 25g, 3 shocks, 11 ms -27:

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

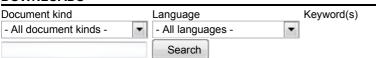
with 55 °C / 90-96% and 25 °C / 95-100%

RoHS Status: Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

Declaration of Conformity - CE: 2CDK403003D0401 **Environmental Information:** 2CDK400030D0201 **RoHS Information:** 2CDK400003K0201

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Catalogue

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