

## Прекъсвач АВВ автоматичен еднополюсен за DIN шина 1P, 16 A, 230 V, 6 kA, крива C, SH201-C16



### General Information

▣ **Extended Product Type:**

SH201-C16

▣ **Product ID:**

2CDS211001R0164

▣ **EAN:**

4016779630641

▣ **Catalog Description:**

Miniature Circuit Breaker - SH200 - 1P - C - 16 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

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### Technical

▣ **Standards:**

IEC/EN 60898-1

▣ **Number of Poles:**

1

▣ **Number of Protected Poles:**

1

- **Tripping Characteristic:**  
C
- **Rated Current (I<sub>n</sub>):**  
16 A
- **Rated Operational Voltage:**  
acc. to IEC 60898-1 230 / 400 V AC
- **Power Loss:**  
2.5 W  
at Rated Operating Conditions per Pole 2.5 W
- **Rated Insulation Voltage (U<sub>i</sub>):**  
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<sub>cn</sub>):**  
(230 / 400 V AC) 6 kA
- **Energy Limiting Class:**  
3
- **Overvoltage Category:**  
III
- **Pollution Degree:**  
2
- **Rated Impulse Withstand Voltage (U<sub>imp</sub>):**  
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
- **Actuator Material:**  
Insulation Group II, Black, Sealable
- **Actuator Marking:**  
I / O
- **Contact Position Indication:**  
ON / OFF
- **Degree of Protection:**  
IP20
- **Remarks:**  
IP40 in enclosure with cover
- **Electrical Endurance:**  
20000 AC cycle
- **Mechanical Endurance (N<sub>endu</sub>):**  
20000 cycle
- **Terminal Type:**  
Screw Terminals
- **Screw Terminal Type:**  
Cage Terminal
- **Connecting Capacity:**

Conductor 25 / 25 mm<sup>2</sup>  
Flexible with Ferrule 0.75 ... 16 mm<sup>2</sup>  
Flexible 0.75 ... 16 mm<sup>2</sup>  
Rigid 0.75 ... 25 mm<sup>2</sup>  
Stranded 0.75 ... 25 mm<sup>2</sup>

▣ **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

▣ **Built-In Depth (t<sub>2</sub>):**

69 mm

▣ **Installation Size:**

acc. to DIN 43880 1

▣ **Power Supply Connection:**

Arbitrary

Environmental

▣ **Ambient Air Temperature:** Operation -25 ... +55 °C

Storage -40 ... +70 °C

▣ **Reference Ambient Air Temperature:**

30 °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 2011/65/EU

Dimensions

▣ **Product Net Width:**

17.5 mm

▣ **Product Net Depth / Length:**

69 mm

▣ **Product Net Height:**

85 mm

▣ **Product Net Weight:**

0.125 kg

Container Information

▣ **Package Level 1 Units:**

carton 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 Units:**  
120 piece
- **Package Level 2 EAN:**  
4016779988087

Ordering

- **Minimum Order Quantity:**  
1 piece
- **Customs Tariff Number:**  
85362010
- **E-Number (Finland):**  
3210166

Certificates and Declarations (Document Number)

- **Declaration of Conformity - CE:**  
[9AKK107046A5460](#)
- **Environmental Information:**  
[2CDK400030D0201](#)
- **Instructions and Manuals:**  
[Printed on packaging](#)
- **RoHS Information:**  
[2CDK400030D0201](#)

Popular Downloads

- **Data Sheet, Technical Information:**  
[2CSC400030D0202](#)
- **Instructions and Manuals:**  
[Printed on packaging](#)

Classifications

- **Object Classification Code:**  
F
- **ETIM 6:**  
EC000042 - Miniature circuit breaker (MCB)
- **ETIM 7:**  
EC000042 - Miniature circuit breaker (MCB)
- **eClass:**  
7.0 27141901
- **UNSPSC:**  
39121614

Продукт: [Прекъсвач ABB автоматичен еднополюсен за DIN шина 1P, 16 A, 230 V, 6 kA, крива C, SH201-C16](#)

Категория: [Прекъсвачи миниатюрни автоматични](#)

Бранд: [ABB](#)

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