

Прекъсвач АВВ автоматичен еднополюсен за DIN шина 1P, 25 A, 230 V, 6 кА, крива С, S201-C25



General Information Extended

Product Type: S201-C25

Product ID:

2CDS251001R0254

EAN:

4016779464604

Catalog Description:

Miniature Circuit Breaker - S200 - 1P - C - 25 A Long

Description:

System pro M compact S200 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,D,K,Z), 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 63A). All MCBs

of the product range S200 comply with IEC/EN 60898-1, IEC/EN 60947-2, UL1077 and CSA

22.2 No. 235, allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200 to save 50% space. Categories

Products»

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▫ Modular DIN Rail Products

»

▫ Miniature Circuit Breakers MCBs

EAN:

4016779464604

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85362010

Dimensions

Product Net Width:

17.5 mm

Product Net Depth:

69 mm

Product Net Height:

88 mm

Product Net Weight:

0.125 kg

Container Information

Package Level 1 Units:

10 piece

Package Level 1 Width:

92 mm

Package Level 1 Length:

183 mm

Package Level 1 Height:

80 mm

Package Level 1 Gross Weight:

1.295 kg

Package Level 1 EAN:

4016779606950

Package Level 2 Units:

120 piece

Package Level 2 Width:

275 mm

Package Level 2 Length:

395 mm

Package Level 2 Height:

210 mm

Package Level 2 Gross Weight:

14.8 kg

Package Level 2 EAN:

4016779970808

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

Technical Standards: IEC/EN

60898-1

IEC/EN 60947-2

UL 1077

Number of Poles:

1

Tripping Characteristic: C

Rated Current (I_n):

25 A

Rated Operational Voltage:

acc. to IEC60898-1 230 / 400 V AC acc. to

IEC60947-2 230 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 (Incl.

Tolerance) 72 V DC Minimum 12 V AC / 12 V DC

Rated Frequency (f):

50 Hz

60 Hz

Rated Short-Circuit Capacity (I_{cn}):

6 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):

10 kA

Rated Service Short-Circuit Breaking Capacity (I_{cs}):

7.5 kA

Energy Limiting Class:

3

Overvoltage Category: III

Pollution Degree:

3

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

Contact Position Indication:

Red ON / Green OFF Degree of

Protection: IP20

Remarks:

IP40 in enclosure with cover

Electrical Endurance:

20000 AC cycle

Mechanical Endurance:

20000 cycle Terminal Type:

Screw Terminals

Screw Terminal Type:

Failsafe Bi-directional Cylinder-lift Terminal

Connecting Capacity:

Busbar 10 / 10 mm²

Flexible with Ferrule 0.75 ... 25 mm²

Flexible 0.75 ... 25 mm²

Rigid 0.75 ... 35 mm²

Stranded 0.75 ... 35 mm²

Tightening Torque:

2.8 N·m

Recommended Screw Driver: Pozidriv 2

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

Technical UL/CSA
Maximum Operating Voltage UL/CSA:
277 V AC
Connecting Capacity UL/CSA: Busbar 18 ... 8
AWG Conductor 18 ... 4 AWG Tightening
Torque UL/CSA:
25 in·lb
Interrupting Rating acc. to UL1077:
6 kA
Certificates and Declarations (Document Number) Declaration of
Conformity - CE:
2CDK403001D0602
RoHS Information:
2CDK400003K0201
Classifications eClass:
7.0 27141901
E-nummer:
2100524
ETIM 4.0:
EC000042 - Miniature circuit breaker (MCB)
ETIM 5.0:
EC000042 - Miniature circuit breaker (MCB)

Продукт: [Прекъсвач АВВ автоматичен еднополюсен за DIN шина 1P, 25 A, 230 V, 6 kA, крива C, S201-C25](#)
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Бранд: [ABB](#)
Категория бранд: [Прекъсвач АВВ](#)

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