

Прекъсвач АВВ автоматичен еднополюсен за DIN шина 1P, 10 A, 230 V, 6 kA, крива C, S201-C10



General Information Extended

Product Type: S201-C10

Product ID:

2CDS251001R0104

EAN:

4016779464208

Catalog Description:

Miniature Circuit Breaker - S200 - 1P - C - 10 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»

▣ Low Voltage Products and Systems

»

▣ Modular DIN Rail Products

»

▢ Miniature Circuit Breakers MCBs

Parts & Services»

▢ Drives

»

▢ Medium Voltage AC Drives

»

▢ Special Purpose Drives

»

▢ ACS5000 water cooled

Ordering

EAN:

4016779464208

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:

4016779606806

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:

4016779967938

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):
10 A
Rated Operational Voltage:
acc. to IEC60898-1 230 / 400 V AC acc. to
IEC60947-2 230 V AC Power Loss:
2.1 W
at Rated Operating Conditions per Pole 2.1 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-number:

2100516

ETIM 4.0:

EC000042 - Miniature circuit breaker (MCB) ETIM 5.0:

EC000042 - Miniature circuit breaker (MCB) Object

Classification Code:

F

Продукт: [Прекъсвач ABB автоматичен еднополюсен за DIN шина 1P, 10 A, 230 V, 6 kA, крива C, S201-C10](#)

Категория: [Прекъсвачи миниатюрни автоматични](#)

Бранд: [ABB](#)

Категория бранд: [Прекъсвач ABB](#)