

Прекъсвач АBB автоматичен двуполуен за DIN шина 2P, 32 А, 230 V, 6 kA, крива C, S202-C32



# S202-C32

## General Information

Extended Product Type:	S202-C32
Product ID:	2CDS252001R0324
EAN:	1016779466202
Catalog Description:	Miniature Circuit Breaker - S200 - 2P - C - 32 A
Long Description:	System pro M compact S200 miniature circuit breakers are <b>current</b> 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>(B,C,D,K,Z)</b> , configurations <b>(1P,1P+N,2P,3P,3P+N,4P)</b> , breaking capacities (up to 6 kA at 230/400 V AC) and rated currents (up to <b>63A</b> ). All MCBs of the product range S200 comply with IEC/EN 60898-1, IEC/EN 60947-2, UL1077 and CSA 22.2 <b>No. 235</b> , allowing <b>the use</b> for residential, commercial <b>and</b> 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

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	1016779466202

## Dimensions

Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.25 kg
Product Net Width:	35 mm

## Container Information

Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	4016779608596
Package Level 2 Units:	60 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:	4016779972529
Package Level 1 Units:	5 piece

## 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

Number of Poles:	2
Tripping Characteristic:	C
Rated Current (I <sub>n</sub> ):	32 A
Rated Operational Voltage:	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC
Power Loss:	7.4 W at Rated Operating Conditions per Pole 3.7 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 125 V DC Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC / 12 V DC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	(AC) 6 kA 6 kA (DC) kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	10 kA 10 kA (DC) kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ):	7.5 kA
Energy Limiting Class:	3
Overvoltage Category:	III
Pollution Degree:	3
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	4 kV (6.2 kV @ sea level)

(5.0 kV @ 2000 m)

<b>Dielectric Test Voltage:</b>	<b>50 / 60 Hz, 1 min: 2 kV</b>
<b>Housing Material:</b>	Insulation Group II, RAL 7035
<b>Actuator Type:</b>	Insulation group II, <b>black</b> , sealable
<b>Contact Position Indication:</b>	Red ON / Green OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	10000 AC cycle
<b>Mechanical Endurance:</b>	20000 cycle
<b>Terminal Type:</b>	<b>Screw</b> Terminals
<b>Screw Terminal Type:</b>	Failsafe Bi-directional <b>Cylinder-lift Terminal</b>
<b>Connecting Capacity:</b>	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 25 mm <sup>2</sup> Flexible 0.75 ... 25 mm <sup>2</sup> Rigid 0.75 ... 35 mm <sup>2</sup> Stranded 0.75 ... 35 mm <sup>2</sup>
<b>Tightening Torque:</b>	<b>2.8 N·m</b>
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	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
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077

### Technical UL/CSA

<b>Connecting Capacity</b>	Busbar 18-8 AWG
<b>UL/CSA:</b>	Conductor 18-4 AWG
<b>Tightening Torque UL/CSA:</b>	25 in·lb
<b>Interrupting Rating acc. to UL1077:</b>	6 kA (DC) 10 kA
<b>Maximum Operating Voltage UL/CSA:</b>	480Y / 277 V AC

### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CSC400002D0208
<b>Data Sheet, Technical Information:</b>	2CSC400002D0208
<b>Declaration of Conformity - CE:</b>	2CDK403001D0604
<b>RoHS Information:</b>	2CDK400003K0201

### Classifications

<b>E-nummer:</b>	2100566
<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)

<http://new.abb.com/products/2CDS252001R0324?printPreview>

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Продукт: [Прекъсвач АВВ автоматичен двуполусен за DIN шина 2P, 32 A, 230 V, 6 kA, крива C, S202-C32](#)  
 Категория: [Прекъсвачи миниатюрни автоматични](#)  
 Бранд: [ABB](#)  
 Категория бранд: [Прекъсвач АВВ](#)