

PRODUCT-DETAILS

## S202CM-C16

# Miniature Circuit Breakers MCBs - S200C - 2P - C - 16 ampere



### General Information

Extended Product Type	S202CM-C16
Product ID	2CDS272280R0164
EAN	4053546039276
Catalog Description	Miniature Circuit Breakers MCBs - S200C - 2P - C - 16 ampere
Long Description	S202CM-C16 Miniature Circuit Breaker C-Char.,10kA, 16A, 2P 1M

### Technical

Standards	IEC/EN 60898-1
Number of Poles	2
Number of Protected Poles	2
Tripping Characteristic	C
Rated Current ( $I_n$ )	16 A
Rated Operational Voltage	240 V AC acc. to IEC 60898-1 230 V AC acc. to IEC 60947-2 230 V AC
Power Loss	4.2 W
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 500 V
Operational Voltage	Maximum (Incl. Tolerance) 264 V AC Maximum 264 V AC Minimum 12 V AC
Rated Frequency (f)	50 Hz 60 Hz

Rated Short-Circuit Capacity ( $I_{cn}$ )	10 kA (230 / 400 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	10 kA (230 V AC) 10 kA
Energy Limiting Class	3
Overvoltage Category	III
Pollution Degree	2
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2.5 kV
Housing Material	Insulation Group I, RAL 7035
Actuator Marking	I / O
Degree of Protection	IP20
Electrical Endurance	10000 cycle 20000 cycle
Terminal Type	Screw Terminals
Connecting Capacity	Busbar 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 1 ... 10 mm <sup>2</sup> Rigid 1 ... 16 mm <sup>2</sup> Stranded 0.75 ... 16 mm <sup>2</sup>
Tightening Torque	3 N·m
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
Built-In Depth ( $t_2$ )	70 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	40g / 18 shocks / 5 ms
Resistance to Vibrations acc. to IEC 60068-2-6	0.35mm or 5g - 20 cycles at 5 ... 150 ... 5 Hz
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	18 mm
Product Net Depth / Length	70 mm
Product Net Height	86 mm
Product Net Weight	0.16 kg

## Container Information

Package Level 1 Units	carton 12 piece
Package Level 1 Width	217 mm
Package Level 1 Depth /	80 mm

## Length

Package Level 1 Height	92 mm
Package Level 1 Gross Weight	1.97 kg
Package Level 2 Units	12 piece
Package Level 2 Width	217 mm
Package Level 2 Depth / Length	80 mm
Package Level 2 Height	92 mm
Package Level 2 Gross Weight	1.55 kg
Package Level 2 EAN	4053546039443

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**Ordering**

Minimum Order Quantity	12 piece
Customs Tariff Number	85362010

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**Certificates and Declarations (Document Number)**

Declaration of Conformity - CE	9AKK107492A9802
RoHS Information	9AKK107492A9802

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**Classifications**

ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
eClass	7.0 27141901
UNSPSC	39121614

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**Categories**

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs

