

PRODUCT-DETAILS

# SC203-C20NA

## SC203-C20NA Miniature Circuit Breaker - 3+NP - C - 20 A



### General Information

Extended Product Type	SC203-C20NA
Product ID	2CDS253120R0204
EAN	4016779650458
Catalog Description	SC203-C20NA Miniature Circuit Breaker - 3+NP - C - 20 A
Long Description	System pro M compact SC200 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+N,3P+N) and rated currents (up to 32A). All MCBs of the product range SC200 comply with IEC/EN 60898-1 allowing the use for residential and commercial application.

### Technical

Standards	IEC/EN 60898-1
Tripping Characteristic	C
Rated Operational Voltage	acc. to IEC 60898-1 400 V AC
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Input Voltage Type	AC
Rated Current (I <sub>n</sub> )	20 A
Rated Short-Circuit	(400 V AC) 6 kA

Capacity	
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(230 V) 20 kA (400 V) 10 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 2.5 W
Energy Limiting Class	3
Number of Poles	3+N
Number of Protected Poles	3
Overvoltage Category	III
Position of Neutral Terminals	Right
Accessories Available	Yes
Connecting Capacity	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>

## Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
Degree of Protection	IP20
Pollution Degree	2
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	2CDK400030D0201

## Dimensions

Width in Number of Modular Spacings	3
Product Net Width	70 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.5 kg
Pole Net Weight	0.125 kg
Built-In Depth ( $t_2$ )	69 mm

## Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	92 mm
Package Level 1 Height	80 mm
Package Level 1 Depth / Length	78 mm
Package Level 1 Gross Weight	0.51 kg
Package Level 1 EAN	4016779650793
Package Level 2 Units	carton 24 piece
Package Level 2 EAN	4016779995894

## Ordering

Minimum Order Quantity	1 piece
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Customs Tariff Number	85362010
Country of Origin	Germany (DE)

### Certificates and Declarations (Document Number)

Certification Agency	EN IEC
Declaration of Conformity - CE	2CDK400624D2701
Environmental Information	2CDK400030D0201
I <sup>2</sup> t Characteristic	9AKK107992A5102
Instructions and Manuals	2CDS207104P0001

### Popular Downloads

Data Sheet, Technical Information	No document needed
Instructions and Manuals	2CDS207104P0001
Dimension Diagram	2CDC022007F0010
I <sup>2</sup> t Characteristic	9AKK107992A5102

### Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27141901

### Categories

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

