

PRODUCT-DETAILS

# DS203NC C20 AC100

## DS203NC C20 AC100 - RCBO



### General Information

Extended Product Type	DS203NC C20 AC100
Product ID	2CSR256040R2204
EAN	8012542263425
Catalog Description	DS203NC C20 AC100 - RCBO
Long Description	DS203NC is a 3P+N residual current circuit breaker with overcurrent protection (RCBO) in four modules for the protection against short-circuit currents, overload, earth fault currents, indirect contacts, additional protection against direct contacts (30 mA versions).

### Technical

Standards	IEC 61009-1 IEC 61009-2-1 EN 61009-1 EN 61009-2-1
Type of Residual Current	AC type
Number of Poles	4
Number of Protected Poles	3
Rated Current ( $I_n$ )	20 A
Rated Voltage ( $U_r$ )	400-415 V AC
Rated Insulation Voltage ( $U_i$ )	500 V

Overvoltage Category	III
Pollution Degree	2
Rated Frequency (f)	50...60 Hz
Rated Short-Circuit Capacity ( $I_{cn}$ )	(230 / 400 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	10 kA
Tripping Characteristic	C
Energy Limiting Class	3
Electrical Endurance	10000 cycle 20000 cycle
Degree of Protection	IP2X
Connecting Capacity	Busbar 10 mm <sup>2</sup> Rigid 25 ...25 mm <sup>2</sup> Flexible 25 ...25 mm <sup>2</sup>
Power Supply Connection	Arbitrary
Position of Neutral Terminals	Right
Power Loss	11.8 W

## Environmental

Ambient Air Temperature	Operation -25...55 °C
RoHS Status	Following EU Directive 2011/65/EU

## Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.1 A
-------------------------------------	-------

## Dimensions

Product Net Width	0.071 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.480 kg

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	0.076 m
Package Level 1 Height	0.096 m
Package Level 1 Depth / Length	0.073 m
Package Level 1 Gross Weight	0.530 kg
Package Level 1 EAN	8012542263425

---

## Ordering

---

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030

---



---

## Certificates and Declarations (Document Number)

---

Declaration of Conformity - CE	9AKK106713A5597
Environmental Information	refer to RoHS information
Instructions and Manuals	9AKK106713A8790
RoHS Information	9AKK106713A8875

---



---

## Popular Downloads

---

Data Sheet, Technical Information	2CSC423030B0201
Instructions and Manuals	9AKK106713A8790

---



---

## Classifications

---

Object Classification Code	Q
ETIM 4	EC000905 - Earth leakage circuit breaker
ETIM 5	EC000905 - Earth leakage circuit breaker
ETIM 6	EC000905 - Earth leakage circuit breaker
ETIM 7	EC000905 - Earth leakage circuit breaker

---



---

## Categories

---

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO

