

## PRODUCT-DETAILS

# DS203NC B20 AC300

## DS203NC B20 AC300 - RCBO



### General Information

|                       |                                                                                                                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DS203NC B20 AC300                                                                                                                                                                                                                                                           |
| Product ID            | 2CSR256040R3205                                                                                                                                                                                                                                                             |
| EAN                   | 8012542266020                                                                                                                                                                                                                                                               |
| Catalog Description   | DS203NC B20 AC300 - 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<br>IEC 61009-2-1<br>EN 61009-1<br>EN 61009-2-1 |
| Operating Characteristic  | Instantaneous                                              |
| 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<br>( $U_i$ )                              | 500 V                                                                                            |
| Overvoltage Category                                               | III                                                                                              |
| Pollution Degree                                                   | 2                                                                                                |
| Rated Frequency (f)                                                | 50/60 Hz                                                                                         |
| Rated Short-Circuit<br>Capacity ( $I_{cn}$ )                       | (230 / 400 V AC) 6 kA                                                                            |
| Rated Ultimate Short-<br>Circuit Breaking Capacity<br>( $I_{cu}$ ) | 10 kA                                                                                            |
| Tripping Characteristic                                            | B                                                                                                |
| Energy Limiting Class                                              | 3                                                                                                |
| Electrical Endurance                                               | 10000 cycle<br>20000 cycle                                                                       |
| Degree of Protection                                               | IP2X                                                                                             |
| Connecting Capacity                                                | Busbar 10 mm <sup>2</sup><br>Rigid 25 ...25 mm <sup>2</sup><br>Flexible 25 ...25 mm <sup>2</sup> |
| Power Supply Connection                                            | Arbitrary                                                                                        |
| Position of Neutral<br>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<br>Rating (SCCR) | 0.3 A |
|----------------------------------------|-------|

## Dimensions

|                               |          |
|-------------------------------|----------|
| Product Net Width             | 0.071 m  |
| Product Net Height            | 0.085 m  |
| Product Net Depth /<br>Length | 0.069 m  |
| Product Net Weight            | 0.480 kg |

## Container Information

|                                   |             |
|-----------------------------------|-------------|
| Package Level 1 Units             | box 1 piece |
| Package Level 1 Width             | 0.076 m     |
| Package Level 1 Height            | 0.096 m     |
| Package Level 1 Depth /<br>Length | 0.073 m     |
| Package Level 1 Gross<br>Weight   | 0.530 kg    |

Package Level 1 EAN

8012542266020

Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85363030 |

Certificates and Declarations (Document Number)

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

Popular Downloads

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>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

