

## PRODUCT-DETAILS

# DS203NC C20 APR30

## DS203NC C20 APR30 - RCBO



### General Information

|                       |                                                                                                                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DS203NC C20 APR30                                                                                                                                                                                                                                                           |
| Product ID            | 2CSR256440R1204                                                                                                                                                                                                                                                             |
| EAN                   | 8012542261322                                                                                                                                                                                                                                                               |
| Catalog Description   | DS203NC C20 APR30 - 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 (APR High Immunity)                          |
| Type of Residual Current           | A 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<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 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) | 0.03 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          | box 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            | 8012542261322 |

## 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 |

