PRODUCT-DETAILS

# DS203NC C10 APR300

# DS203NC C10 APR300 - RCBO



## General Information

| | |
|---|---|
| Extended Product Type | DS203NC C10 APR300 |
| Product ID | 2CSR256440R3104 |
| EAN | 8012542179429 |
| Catalog Description | DS203NC C10 APR300 - 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

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|---|---|
| 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 ($I_n$) | 10 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 mm²<br>Rigid 25 …25 mm²<br>Flexible 25 …25 mm² |
| Power Supply Connection | Arbitrary |
| Position of Neutral Terminals | Right |
| Power Loss | 5.6 W |

## Environmental

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

## Technical UL/CSA

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|---|---|
| Short-Circuit Current Rating (SCCR) | 0.3 A |

## Dimensions

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|---|---|
| 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

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|---|---|
| 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 | 8012542179429 |

## Ordering

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|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85363010 |

## Certificates and Declarations (Document Number)

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|---|---|
| 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

