

PRODUCT-DETAILS

# DPCA100C10/300

## DPCA100C10/300 Residual Current Circuit Breaker with Overcurrent Protection



### General Information

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| Global Commercial Alias | DPCA100C10/300                                                              |
| Extended Product Type   | DPCA100C10/300                                                              |
| Product ID              | 2CDB333201R3104                                                             |
| EAN                     | 5413656115441                                                               |
| Catalog Description     | DPCA100C10/300 Residual Current Circuit Breaker with Overcurrent Protection |
| Long Description        | RCBO DPCA100 10kA 2P 300mA C10                                              |

### Technical

|                                                     |                                                              |
|-----------------------------------------------------|--------------------------------------------------------------|
| Standards                                           | IEC/EN 61009-1                                               |
| Product Name                                        | Residual Current Circuit Breaker with Overcurrent Protection |
| Tripping Characteristic                             | C                                                            |
| Type of Residual Current                            | A                                                            |
| Rated Operational Voltage                           | 230 V AC                                                     |
| Rated Insulation Voltage (U <sub>i</sub> )          | 500 V                                                        |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 6 kV                                                         |
| Input Voltage Type                                  | AC                                                           |
| Rated Current (I <sub>n</sub> )                     | 10 A                                                         |
| Rated Residual Current                              | 300 mA                                                       |
| Rated Short-Circuit Capacity (I <sub>cn</sub> )     | 10 kA                                                        |

|                                                             |                                                                                           |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | 10 kA                                                                                     |
| Leakage Current Type                                        | A                                                                                         |
| Frequency (f)                                               | 50 Hz                                                                                     |
| Rated Frequency (f)                                         | 50 Hz                                                                                     |
| Energy Limiting Class                                       | 3                                                                                         |
| Number of Poles                                             | 2                                                                                         |
| Number of Protected Poles                                   | 2                                                                                         |
| Overvoltage Category                                        | III                                                                                       |
| Earthing Switch Type                                        | Undelayed                                                                                 |
| Accessories Available                                       | Yes                                                                                       |
| Number of Batteries                                         | 0                                                                                         |
| Rated Cross-Section                                         | 1 - Solid-Core 0.75 ... 25 mm <sup>2</sup><br>4 - Multi-Wired 0.75 ... 16 mm <sup>2</sup> |

## Environmental

|                         |                                   |
|-------------------------|-----------------------------------|
| Ambient Air Temperature | Operation -25 ... +55 °C          |
| Degree of Protection    | IP20                              |
| Pollution Degree        | 3                                 |
| RoHS Status             | Following EU Directive 2011/65/EU |

## Dimensions

|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 2       |
| Product Net Width                   | 0.036 m |
| Product Net Height                  | 0.09 m  |
| Product Net Depth / Length          | 0.072 m |
| Product Net Weight                  | 0.22 kg |
| Built-In Depth ( $t_2$ )            | 35 mm   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | pack 1 piece  |
| Package Level 1 Width          | 0.039 m       |
| Package Level 1 Height         | 0.078 m       |
| Package Level 1 Depth / Length | 0.094 m       |
| Package Level 1 Gross Weight   | 0.236 kg      |
| Package Level 1 EAN            | 5413656115441 |

## Ordering

|                         |             |
|-------------------------|-------------|
| Minimum Order Quantity  | 1 piece     |
| Customs Tariff Number   | 85362010    |
| Country of Origin       | Poland (PL) |
| Selling Unit of Measure | piece       |

## Certificates and Declarations (Document Number)

|                      |     |
|----------------------|-----|
| Certification Agency | IEC |
|----------------------|-----|

|                                |                       |
|--------------------------------|-----------------------|
| EN                             |                       |
| Declaration of Conformity - CE | No declaration needed |
| Instructions and Manuals       | No document needed    |

Popular Downloads

|                                   |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | No document needed |
| Instructions and Manuals          | No document needed |

Classifications

|                            |                                                                                    |
|----------------------------|------------------------------------------------------------------------------------|
| ETIM 6                     | EC000905 - Earth leakage circuit breaker                                           |
| ETIM 7                     | EC000905 - Earth leakage circuit breaker                                           |
| ETIM 8                     | EC000905 - Earth leakage circuit breaker                                           |
| EPLAN Catalog Tree         | Electrical engineering / Protection devices / Ground fault current circuit breaker |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)                         |
| WEEE B2C / B2B             | Business To Consumer                                                               |
| CN8                        | 8536 20 10                                                                         |
| UNSPSC                     | 39121614                                                                           |
| eClass                     | V11.0 : 27142207                                                                   |
| Object Classification Code | Q                                                                                  |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → ABB VY → RCD ABB VY

