

## PRODUCT-DETAILS

# DMA63NpC06/030

## DMA63NpC06/030 RCBO



### General Information

|                       |                                                                                                                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DMA63NpC06/030                                                                                                                                                                                                                                                              |
| Product ID            | 2CSR256154R1064                                                                                                                                                                                                                                                             |
| EAN                   | 5411815654138                                                                                                                                                                                                                                                               |
| Catalog Description   | DMA63NpC06/030 RCBO                                                                                                                                                                                                                                                         |
| Long Description      | DMA63Np 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                                           | EN 61009-1<br>EN 61009-2-1 |
| Product Name                                        | RCBO                       |
| Tripping Characteristic                             | C                          |
| Type of Residual Current                            | Type A                     |
| Rated Operational Voltage                           | 230 V AC                   |
| Rated Insulation Voltage (U <sub>i</sub> )          | 500 V                      |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 4 kV                       |
| Input Voltage Type                                  | AC                         |
| Rated Current (I <sub>n</sub> )                     | 6 A                        |
| Rated Residual Current                              | 30 mA                      |

|                                                                              |                                                                                           |
|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Rated Short-Circuit Capacity ( $I_{cn}$ )                                    | 4.5 kA                                                                                    |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )                  | 10 kA                                                                                     |
| Rated Service Short-Circuit Breaking Capacity, in % of $I_{cu}$ ( $I_{cs}$ ) | 6 kA                                                                                      |
| Leakage Current Type                                                         | A                                                                                         |
| Frequency (f)                                                                | 50 Hz                                                                                     |
| Rated Frequency (f)                                                          | 50 Hz                                                                                     |
| Energy Limiting Class                                                        | 3                                                                                         |
| Number of Poles                                                              | 4                                                                                         |
| Number of Protected Poles                                                    | 3                                                                                         |
| Overvoltage Category                                                         | III                                                                                       |
| Position of Neutral Terminals                                                | Right                                                                                     |
| Earthing Switch Type                                                         | Undelayed                                                                                 |
| 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        | 2                       |

## Technical UL/CSA

|                                     |        |
|-------------------------------------|--------|
| Short-Circuit Current Rating (SCCR) | 0.03 A |
|-------------------------------------|--------|

## Dimensions

|                                     |          |
|-------------------------------------|----------|
| Width in Number of Modular Spacings | 4        |
| Product Net Width                   | 0.070 m  |
| Product Net Height                  | 0.092 m  |
| Product Net Depth / Length          | 0.068 m  |
| Product Net Weight                  | 0.480 kg |
| Built-In Depth ( $t_2$ )            | 35 mm    |

## 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            | 5411815654138 |

Ordering

|                         |            |
|-------------------------|------------|
| Minimum Order Quantity  | 1 piece    |
| Customs Tariff Number   | 85363010   |
| Country of Origin       | Italy (IT) |
| Selling Unit of Measure | piece      |

Certificates and Declarations (Document Number)

|                                |                       |
|--------------------------------|-----------------------|
| 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                   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Consumer                                       |
| CN8                        | 85363010                                                   |
| Object Classification Code | Q                                                          |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → AEG → RCD AEG

