

## PRODUCT-DETAILS

# E4.2N/MS 4000 4p F HR

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## General Information

|                       |                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| Extended Product Type | E4.2N/MS 4000 4p F HR                                                                                 |
| Product ID            | 1SDA073460R1                                                                                          |
| EAN                   | 8015644773106                                                                                         |
| Catalog Description   | E4.2N/MS 4000 4p F HR                                                                                 |
| Long Description      | C.BREAKER SWITCH-DISCONNECTOR SACE EMAX2 E4.2N/MS 4000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644773106 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 510 mm |
| Product Net Height         | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight         | 70 kg  |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 515 mm        |
| Package Level 1 Height         | 610 mm        |
| Package Level 1 Depth / Length | 785 mm        |
| Package Level 1 Gross Weight   | 77 kg         |
| Package Level 1 EAN            | 8015644773106 |

## Environmental

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
|-------------|------------------------------------------------------------------------|

## Additional Information

|                                                       |                                                                              |
|-------------------------------------------------------|------------------------------------------------------------------------------|
| Current Type                                          | AC                                                                           |
| Electrical Durability                                 | Ue ≤ 440 V 5000 cycle<br>Ue = 500 ... 690 V 4000 cycle<br>20 cycles per hour |
| Mechanical Durability                                 | 15000 cycle<br>60 cycles per hour                                            |
| Neutral Pole Current ([% I <sub>n</sub> ])            | 100 %                                                                        |
| Number of Poles                                       | 4                                                                            |
| Power Loss                                            | 465 W                                                                        |
| Product Main Type                                     | SACE Emax 2                                                                  |
| Product Name                                          | Switch Disconnector                                                          |
| Product Type                                          | Switch Disconnector                                                          |
| Rated Current (I <sub>n</sub> )                       | 4000 A                                                                       |
| Rated Voltage (U <sub>r</sub> )                       | 690 V                                                                        |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )   | 12 kV                                                                        |
| Rated Insulation Voltage (U <sub>i</sub> )            | AC 1000 V                                                                    |
| Rated Operational Voltage                             | 690 V AC                                                                     |
| Rated Short-time Withstand Current (I <sub>cw</sub> ) | for 1 s 66 kA<br>for 3 s 50 kA                                               |
| Rated Uninterrupted Current (I <sub>u</sub> )         | 4000 A                                                                       |
| Short-Circuit Performance Level                       | N                                                                            |
| Standards                                             | IEC                                                                          |
| Sub-type                                              | E4.2                                                                         |
| Terminal Connection Type                              | Rear flat Horizontal                                                         |
| Version                                               | F                                                                            |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE    | 9AKK106713A5545 |
| Environmental Information         | Not Available   |
| Instructions and Manuals          | 1SDH001000R0002 |

**Classifications**

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| ETIM 4                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 5                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 6                     | EC000216 - Switch disconnecter                                          |
| ETIM 7                     | EC000216 - Switch disconnecter                                          |
| Object Classification Code | Q                                                                       |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm)             |

**Categories**

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

