



PRODUCT-DETAILS

E2.2H/MS 2000 3p F HR

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| General Information   |                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| Extended Product Type | E2.2H/MS 2000 3p F HR                                                                                  |
| Product ID            | 1SDA073413R1                                                                                           |
| EAN                   | 8015644772635                                                                                          |
| Catalog Description   | E2.2H/MS 2000 3p F HR                                                                                  |
| Long Description      | C.BREAKER SWITCH-DISCONNECTOR SACE EMAX2 E2.2H/MS 2000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL |

| ABB EcoSolutions |     |
|------------------|-----|
| ABB EcoSolutions | Yes |

| Circular Value                              |                                                               |
|---------------------------------------------|---------------------------------------------------------------|
| Circular Design Principles                  | Design for Closing Resource Loops - Standard EN45555 - 79.1 % |
| Recyclability Rate                          |                                                               |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                               |
| End of Life Instructions                    | 9AKK108468A2361                                               |

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| Group Waste to Landfill Target      | UL 2799 Zero Waste To Landfill Validation available |
| Toxic Substances Control Act - TSCA | 9AKK108467A8326                                     |

Eco Transparency

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| Environmental Product Declaration - EPD | 9AKK108468A1902<br>9AKK108468A1909 |
|-----------------------------------------|------------------------------------|

Environmental

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| Environmental Information | 9AKK108467A6707                                                        |
| REACH Declaration         | 9AKK108466A1425                                                        |
| RoHS Information          | 9AKK108466A1424                                                        |
| RoHS Status               | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Ordering

|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | Z2HT00B00000000000XX |
| EAN                      | 8015644772635        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 276 mm |
| Product Net Height         | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight         | 41 kg  |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 515 mm        |
| Package Level 1 Height         | 610 mm        |
| Package Level 1 Depth / Length | 515 mm        |
| Package Level 1 Gross Weight   | 46 kg         |
| Package Level 1 EAN            | 8015644772635 |

Additional Information

|                       |                                                                               |
|-----------------------|-------------------------------------------------------------------------------|
| Current Type          | AC                                                                            |
| Electrical Durability | Ue ≤ 440 V 10000 cycle<br>Ue = 500 ... 690 V 8000 cycle<br>30 cycles per hour |
| Mechanical Durability | 25000 cycle<br>60 cycles per hour                                             |
| Number of Poles       | 3                                                                             |
| Power Loss            | 212 W                                                                         |
| Product Main Type     | SACE Emax 2                                                                   |
| Product Name          | Switch Disconnecter                                                           |
| Product Type          | Switch Disconnecter                                                           |

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Rated Current ( $I_n$ )                                     | 2000 A                         |
| Rated Voltage ( $U_r$ )                                     | 690 V                          |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 12 kV                          |
| Rated Insulation Voltage ( $U_i$ )                          | AC 1000 V                      |
| Rated Operational Voltage                                   | 690 V AC                       |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ) | for 1 s 85 kA<br>for 3 s 66 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 2000 A                         |
| Recommended Screw Driver                                    | Main Circuit M12               |
| Short-Circuit Performance Level                             | H                              |
| Standards                                                   | IEC                            |
| Sub-type                                                    | E2.2                           |
| Terminal Connection Type                                    | Rear flat Horizontal           |
| Terminal Type                                               | Bolt                           |
| Tightening Torque                                           | 70 N·m                         |
| Version                                                     | F                              |
| CAD Dimensional Drawing                                     | 1SDH001252R0083                |

## Certificates and Declarations

|                                   |                         |
|-----------------------------------|-------------------------|
| ATEX Certificate                  | No certification needed |
| CSA Certificate                   | No certification needed |
| CSA Certificate (Intrinsic Safe)  | No certification needed |
| Data Sheet, Technical Information | 1SDC200023D0209         |
| Declaration of Conformity - CE    | 9AKK106713A5902         |
| UL Certificate                    | No certification needed |
| VDE Certificate                   | No certification needed |
| Mechanical Drawings               | 1SDH001000R0100         |
| Wiring Diagram                    | 1SDM000091R0001         |
| Instructions and Manuals          | 1SDH001000R0002         |

## Classifications

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| ETIM 7                             | EC000216 - Switch disconnecter                             |
| ETIM 8                             | EC000216 - Switch disconnecter                             |
| ETIM 9                             | EC000216 - Switch disconnecter (low voltage)               |
| IDEA Granular Category Code (IGCC) | 5293 >> Switch disconnecter                                |
| Object Classification Code         | Q                                                          |
| UNSPSC                             | 39122233                                                   |
| WEEE Category                      | 5. Small Equipment (No External Dimension More Than 50 cm) |
| eClass                             | V11.1 : 27371403                                           |

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## Categories

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

