



PRODUCT-DETAILS

E2.2H/MS 1000 4p F HR  
E2.2H/MS 1000 4p F HR



| General Information   |                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| Extended Product Type | E2.2H/MS 1000 4p F HR                                                                                 |
| Product ID            | 1SDA073444R1                                                                                          |
| EAN                   | 8015644772949                                                                                         |
| Catalog Description   | E2.2H/MS 1000 4p F HR                                                                                 |
| Long Description      | C.BREAKER SWITCH-DISCONNECTOR SACE EMAX2 E2.2H/MS 1000 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL |

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

| Circular Value                                |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 79.1 % |
| Conflict Minerals Reporting Template          | 9AKK108467A5658                                               |

(CMRT)

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| 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 |
|                                         | 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 | ZBHQ00B00000000000XX |
| EAN                      | 8015644772949        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 366 mm |
| Product Net Height         | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight         | 53 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 | 615 mm        |
| Package Level 1 Gross Weight   | 58 kg         |
| Package Level 1 EAN            | 8015644772949 |

Additional Information

|                       |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|
| Current Type          | AC                                                                              |
| Electrical Durability | Ue =< 440 V 15000 cycle<br>Ue = 500 ... 690 V 15000 cycle<br>30 cycles per hour |

|                                                                         |                                   |
|-------------------------------------------------------------------------|-----------------------------------|
| Mechanical Durability                                                   | 25000 cycle<br>60 cycles per hour |
| Neutral Pole Current ([%<br>I <sub>N</sub> ])                           | 100 %                             |
| Number of Poles                                                         | 4                                 |
| Power Loss                                                              | 53 W                              |
| Product Main Type                                                       | SACE Emax 2                       |
| Product Name                                                            | Switch Disconnecter               |
| Product Type                                                            | Switch Disconnecter               |
| Rated Current (I <sub>N</sub> )                                         | 1000 A                            |
| Rated Voltage (U <sub>r</sub> )                                         | 690 V                             |
| Rated Impulse<br>Withstand Voltage (U <sub>imp</sub><br>)               | 12 kV                             |
| Rated Insulation Voltage<br>(U <sub>i</sub> )                           | AC 1000 V                         |
| Rated Operational<br>Voltage                                            | 690 V AC                          |
| Rated Short-time<br>Withstand Current Low<br>Voltage (I <sub>cw</sub> ) | for 1 s 85 kA<br>for 3 s 66 kA    |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                        | 1000 A                            |
| Recommended Screw<br>Driver                                             | Main Circuit M12                  |
| Short-Circuit<br>Performance Level                                      | H                                 |
| Standards                                                               | IEC                               |
| Sub-type                                                                | E2.2                              |
| Terminal Connection<br>Type                                             | Rear flat Horizontal              |
| Terminal Type                                                           | Bolt                              |
| Tightening Torque                                                       | 70 N·m                            |
| Version                                                                 | F                                 |
| CAD Dimensional<br>Drawing                                              | 1SDH001252R0123                   |

### Certificates and Declarations

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

Categories

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

