



PRODUCT-DETAILS

E4.2V/MS 4000 4p WMP  
E4.2V/MS 4000 4p WMP



| General Information   |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| Extended Product Type | E4.2V/MS 4000 4p WMP                                                                |
| Product ID            | 1SDA073546R1                                                                        |
| EAN                   | 8015644773960                                                                       |
| Catalog Description   | E4.2V/MS 4000 4p WMP                                                                |
| Long Description      | MOVING PART FOR C.BREAKER SWITCH-DISCONNECTOR SACE EMAX2 E4.2V/MS 4000<br>FOUR-POLE |

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

| Circular Value                                |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 79.3 % |
| Conflict Minerals Reporting Template          | 9AKK108467A5658                                               |

(CMRT)

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| End of Life Instructions            | 9AKK108468A2363                                     |
| 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 | 9AKK108468A1904 |
|                                         | 9AKK108468A1910 |

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 | ZCVW00A00000000000XX |
| EAN                      | 8015644773960        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 551 mm |
| Product Net Height         | 425 mm |
| Product Net Depth / Length | 383 mm |
| Product Net Weight         | 74 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 | 785 mm        |
| Package Level 1 Gross Weight   | 81 kg         |
| Package Level 1 EAN            | 8015644773960 |

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 ([%<br>I <sub>u</sub> ])                           | 100 %                             |
| Number of Poles                                                         | 4                                 |
| Power Loss                                                              | 900 W                             |
| Product Main Type                                                       | SACE Emax 2                       |
| Product Name                                                            | Switch Disconnecter               |
| Product Type                                                            | Switch Disconnecter               |
| Rated Current (I <sub>n</sub> )                                         | 4000 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 100 kA<br>for 3 s 75 kA   |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                        | 4000 A                            |
| Short-Circuit<br>Performance Level                                      | V                                 |
| Standards                                                               | IEC                               |
| Sub-type                                                                | E4.2                              |
| Version                                                                 | W                                 |
| CAD Dimensional<br>Drawing                                              | 1SDH001252R0434                   |

### 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    | 9AKK106713A5545         |
| UL Certificate                       | No certification needed |
| VDE Certificate                      | No certification needed |
| 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<br>Code (IGCC) | 5293 >> Switch disconnecter                  |
| Object Classification<br>Code         | Q                                            |
| UNSPSC                                | 39122233                                     |

|               |                                                             |
|---------------|-------------------------------------------------------------|
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |
| eClass        | V11.1 : 27371403                                            |

---

## Categories

---

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

