



### Main

|                             |                 |
|-----------------------------|-----------------|
| Range of product            | EZD             |
| Product or component type   | Circuit breaker |
| Device short name           | EZD100M         |
| Circuit breaker application | Distribution    |
| Poles description           | 3P              |
| Protected poles description | 3d              |

### Complementary

|  |  |
|--|--|
| Earth-leakage protection                 | Without  |
| [In] rated current                       | 100 A 40 °C  |
| Breaking capacity code                   | M  |
| Network type                             | AC   |
| Network frequency                        | 50/60 Hz   |
| Control type                             | Toggle   |
| Mounting mode                            | Fixed  |
| Mounting support                         | Backplate  |
| Upside connection                        | Front  |
| Downside connection                      | Front  |
| [Ui] rated insulation voltage            | 690 V EN/IEC 60947-2   |
| [Uimp] rated impulse withstand voltage   | 6 kV EN/IEC 60947-2  |
| [Ue] rated operational voltage           | 500 V EN/IEC 60947-2 AC 50/60 Hz   |
| Breaking capacity                        | 10 kA Icu EN/IEC 60947-2 500 V AC 50/60 Hz<br>20 kA Icu EN/IEC 60947-2 440 V AC 50/60 Hz<br>65 kA Icu EN/IEC 60947-2 220/230 V AC 50/60 Hz<br>35 kA Icu EN/IEC 60947-2 380/400 V AC 50/60 Hz<br>30 kA Icu EN/IEC 60947-2 415 V AC 50/60 Hz |
| Utilisation category                     | Category A   |
| [Ics] rated service breaking capacity    | 30 kA EN/IEC 60947-2 220/230 V AC 50/60 Hz<br>17 kA EN/IEC 60947-2 380/400 V AC 50/60 Hz<br>7 kA EN/IEC 60947-2 415 V AC 50/60 Hz<br>5 kA EN/IEC 60947-2 440 V AC 50/60 Hz<br>3 kA EN/IEC 60947-2 500 V AC 50/60 Hz                        |
| Mechanical durability                    | 8500 cycles  |
| Electrical durability                    | 4000 cycles EN/IEC 60947-2 440 V In  |
| Connection pitch                         | 25 mm  |
| Trip unit name                           | TM-D   |
| Trip unit technology                     | Thermal-magnetic   |
| Trip unit rating                         | 100 A 40 °C  |
| Protection type                          | Overload protection (thermal)<br>Short-circuit protection (magnetic)   |
| Long time pick-up adjustment type Ir     | Fixed  |
| Long time pick-up adjustment range       | 1 In   |
| Instantaneous pick-up adjustment type li | Fixed  |
| Height                                   | 130 mm   |
| Width                                    | 75 mm  |

|                    |         |
|--------------------|---------|
| Depth              | 60 mm   |
| Product weight     | 0.78 kg |
| Compatibility code | EZD100  |

## Environment

|                                       |                           |
|---------------------------------------|---------------------------|
| Standards                             | IEC 60947-2<br>EN 60947-2 |
| Pollution degree                      | 3 IEC 60947-1             |
| Ambient air temperature for operation | -25...70 °C               |
| Ambient air temperature for storage   | -50...85 °C               |

## Offer Sustainability

|                                  |  |
|----------------------------------|--|
| Sustainable offer status         | Green Premium product  |
| RoHS (date code: YYWW)           | Compliant - since 0734 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold  |
| Product environmental profile    | Available  |
| Product end of life instructions | Available  |