

## Product data sheet

## HDM3630T63033XX

### Characteristics

Molded case circuit breaker HDM3 - 630T/3P - Mag-theR 630A



#### Main

|                           |   |
|---------------------------|---|
| Range of product          | HDM3  |
| Product or component type | Enclosed moulded case circuit breaker   |
| Suitability for isolation | Yes   |
| Trip unit technology      | Thermal-magnetic  |
| Device application        | Power distribution protection   |
| Voltage release type      | Shunt trip release<br>Undervoltage release  |
| Provided equipment        | alarm<br>motor mechanism<br>handle<br>terminal extension<br>interphase barriers<br>MN or MX voltage release |

#### Complementary

|  |  |
|--|--|
| Poles description                      | 3P   |
| [In] rated current                     | 630.0 A  |
| Frame size                             | 630AF  |
| [Ue] rated operational voltage         | 400/415 V  |
| Network type                           | AC   |
| Network frequency                      | 50...60 Hz   |
| Electrical durability                  | 2000.0 cycles  |
| Mechanical durability                  | 10000.0 cycles with maintenance<br>5000.0 cycles without maintenance |
| [Uimp] rated impulse withstand voltage | 8.0 kV   |
| [Ics] rated service breaking capacity  | 39 kA  |
| Rated breaking capacity                | 39 kA  |
| [Ui] rated insulation voltage          | 800.0 V  |
| Mounting mode                          | Fixed front  |
| Clamping connection capacity           | 2 x 185 mm <sup>2</sup>  |
| Tightening torque                      | 19.5...20.5 N.m  |
| Utilisation category                   | Category A   |
| Provision for padlocking               | Handle padlockable in on and off position                            |
| Height                                 | 257.0 mm   |
| Width                                  | 150.0 mm   |
| Depth                                  | 107.5 mm   |
| Product weight                         | 5.1 kg   |

**Environment**

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|                                       |             |
|---------------------------------------|-------------|
| IP degree of protection               | IP20        |
| Pollution degree                      | 3           |
| Ambient air temperature for operation | 40.0 °C     |
| Ambient air temperature for storage   | -20...70 °C |
| Dielectric test voltage               | 3 kV        |
| Operating altitude                    | 0...2000 m  |
| Standards                             | IEC 60947-2 |
| Product certifications                | CE<br>KEMA  |

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**Packing Units**

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|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 25.7 cm |
| Package 1 Width              | 15.0 cm |
| Package 1 Length             | 10.8 cm |
| Package 1 Weight             | 5.1 kg  |

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**Offer Sustainability**

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|-----------------------|----|
| Sustainable packaging | No |
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