

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 Undervoltage release |
| Provided equipment | alarm motor mechanism handle terminal extension interphase barriers 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 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 ² |
| 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

| | |
|---------------------------------------|-------------|
| 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 KEMA |

Packing Units

| | |
|------------------------------|---------|
| 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 |

Offer Sustainability

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