



Product data sheet

HDM3250F20033XXT

Characteristics

Molded case circuit breaker HDM3 - 250F/3P - Mag-therm 200A 50degree

|                                                                                    |                           |                                                                                                             |
|------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------|
|  | 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                     | 200.0 A                                                               |
| Frame size                             | 250AF                                                                 |
| [Ue] rated operational voltage         | 400/415 V                                                             |
| Network type                           | AC                                                                    |
| Network frequency                      | 50...60 Hz                                                            |
| Electrical durability                  | 4000.0 cycles                                                         |
| Mechanical durability                  | 20000.0 cycles with maintenance<br>10000.0 cycles without maintenance |
| [Uimp] rated impulse withstand voltage | 8.0 kV                                                                |
| [Ics] rated service breaking capacity  | 30 kA                                                                 |
| Rated breaking capacity                | 50 kA                                                                 |
| [Ui] rated insulation voltage          | 800.0 V                                                               |
| Mounting mode                          | Fixed front                                                           |
| Clamping connection capacity           | 95 mm²                                                                |
| Tightening torque                      | 9.5...10.5 N.m                                                        |
| Utilisation category                   | Category A                                                            |
| Provision for padlocking               | Handle padlockable in on and off position                             |
| Height                                 | 165.0 mm                                                              |
| Width                                  | 107.0 mm                                                              |
| Depth                                  | 88.0 mm                                                               |
| Net weight                             | 1.53 kg                                                               |

Environment

|                                       |             |
|---------------------------------------|-------------|
| IP degree of protection               | IP20        |
| Pollution degree                      | 3           |
| Ambient air temperature for operation | 50.0 °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  |