



Product data sheet

HDM3S630M63033XXT

Characteristics

Molded case circuit breaker, HDM3S, 630M, 630A 3P, TM, adjustable, 50?

|                                                                                    |                           |                                                                                                             |
|------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------|
|  | Main                      |                                                                                                             |
|                                                                                    | Range of product          | HDM3S                                                                                                       |
|                                                                                    | Product or component type | Enclosed moulded case circuit breaker                                                                       |
|                                                                                    | Frame size                | 630AF                                                                                                       |
|                                                                                    | 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 A          |
| [Ue] rated operational voltage         | 400/415 V      |
| Network type                           | AC             |
| Network frequency                      | 50/60 Hz       |
| Electrical durability                  | 1000 cycles    |
| Mechanical durability                  | 4000 cycles    |
| [Uimp] rated impulse withstand voltage | 8.0 kV         |
| [Ics] rated service breaking capacity  | 50 kA at 400 V |
| Rated breaking capacity                | 50 kA at 400 V |
| [Ui] rated insulation voltage          | 1000 V         |
| Clamping connection capacity           | 2 x 185 mm²    |
| Utilisation category                   | Category A     |
| Height                                 | 257 mm         |
| Width                                  | 140 mm         |
| Depth                                  | 155 mm         |

Environment

|                                       |            |
|---------------------------------------|------------|
| IP degree of protection               | IP20       |
| Installation category                 | III        |
| Pollution degree                      | 3          |
| Ambient air temperature for operation | -5...40 °C |

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|                                     |             |
|-------------------------------------|-------------|
| Ambient air temperature for storage | -20...70 °C |
| Operating altitude                  | 0...2000 m  |
| Standards                           | IEC 60947-2 |
| Product certifications              | TÜV         |

Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type of Package 1       | PCE |
| Number of Units in Package 1 | 1   |

Offer Sustainability

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