



Product data sheet

HDM3E800M80033XXT

Characteristics

Molded case circuit breaker, HDM3E, 800M, 3P, electronic, 800 A, 50 C



Main

|                           |                                       |
|---------------------------|---------------------------------------|
| Range of product          | HDM3E                                 |
| Product or component type | Enclosed moulded case circuit breaker |
| Poles description         | 3P                                    |
| [In] rated current        | 800 A                                 |
| Trip unit technology      | Electronic                            |

Complementary

|                                          |                                |
|------------------------------------------|--------------------------------|
| [Ue] rated operational voltage           | 400/415 V                      |
| Network type                             | AC                             |
| Network frequency                        | 50/60 Hz                       |
| [Ui] rated insulation voltage            | 1000 V                         |
| [Uimp] rated impulse withstand voltage   | 12 kV                          |
| [Icu] ultimate breaking capacity         | 50 kA                          |
| [Ics] rated service breaking capacity    | 50 kA                          |
| [Icw] rated short-time withstand current | 10 kA duration: 1 s            |
| Mechanical durability                    | 5000 cycles                    |
| Electrical durability                    | 2500 cycles on AC at 400/415 V |
| Height                                   | 280 mm                         |
| Width                                    | 210 mm                         |
| Depth                                    | 116 mm                         |

Environment

|                                     |                                  |
|-------------------------------------|----------------------------------|
| Product certifications              | CE<br>TÜV                        |
| Standards                           | EN/IEC 60947-1<br>EN/IEC 60947-2 |
| Pollution degree                    | 3                                |
| IP degree of protection             | IP20                             |
| Rated ambient air temperature       | 50 °C                            |
| Ambient air temperature for storage | -40...70 °C                      |
| Operating altitude                  | 2000 m                           |
| Relative humidity                   | 0...90 %                         |

Offer Sustainability

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