



Product data sheet

HDM3E400M400C3XX

Characteristics

Molded case circuit breaker, HDM3E, 400M, 4P, electronic, C 400 A, 40 C



Main

|                           |                                       |
|---------------------------|---------------------------------------|
| Range of product          | HDM3E                                 |
| Product or component type | Enclosed moulded case circuit breaker |
| Poles description         | 4P                                    |
| [In] rated current        | 400 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            | 800 V                          |
| [Uimp] rated impulse withstand voltage   | 8 kV                           |
| [Icu] ultimate breaking capacity         | 50 kA                          |
| [Ics] rated service breaking capacity    | 50 kA                          |
| [Icw] rated short-time withstand current | 5 kA duration: 1 s             |
| Mechanical durability                    | 10000 cycles                   |
| Electrical durability                    | 7500 cycles on AC at 400/415 V |
| Height                                   | 257 mm                         |
| Width                                    | 198 mm                         |
| Depth                                    | 107.5 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       | 40 °C                            |
| Ambient air temperature for storage | -40...70 °C                      |
| Operating altitude                  | 2000 m                           |
| Relative humidity                   | 0...90 %                         |

Offer Sustainability

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Himel nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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