# Product data sheet

# HDM3E250M250C3XX

## Characteristics

**Molded case circuit breaker, HDM3E, 250M, 4P, electronic, C 250 A, 40 C**

### Main

| | |
|---|---|
| Range of product | HDM3E |
| Product or component type | Enclosed moulded case circuit breaker |
| Poles description | 4P |
| [In] rated current | 250 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 | 2.5 kA duration: 1 s |
| Mechanical durability | 20000 cycles |
| Electrical durability | 8000 cycles on AC at 400/415 V |
| Height | 165 mm |
| Width | 142 mm |
| Depth | 94 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

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