Nov 08, 2026

# Product data sheet

# HDM3S160M12533XXT

## Characteristics

**Molded case circuit breaker, HDM3S, 160M, 125A 3P, TM, adjustable, 50?**

### Main



| | |
|---|---|
| Range of product | HDM3S |
| Product or component type | Enclosed moulded case circuit breaker |
| Frame size | 160AF |
| 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 | 125 A |
| [Ue] rated operational voltage | 400/415 V |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Electrical durability | 1500 cycles |
| Mechanical durability | 8500 cycles |
| [Uimp] rated impulse withstand voltage | 8.0 kV |
| [Ics] rated service breaking capacity | 35 kA at 400 V |
| Rated breaking capacity | 35 kA at 400 V |
| [Ui] rated insulation voltage | 1000 V |
| Clamping connection capacity | 70 mm² |
| Utilisation category | Category A |
| Height | 155 mm |
| Width | 90 mm |
| Depth | 108 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 |