



## Product data sheet

## HDM3S250M16033XX

### Characteristics

Molded case circuit breaker, HDM3S, 250M, 160A 3P, TM, adjustable, 40?



### Main

Range of product	HDM3S
Product or component type	Enclosed moulded case circuit breaker
Frame size	250AF
Suitability for isolation	Yes
Trip unit technology	Thermal-magnetic
Device application	Power distribution protection
Voltage release type	Shunt trip release Undervoltage release
Provided equipment	alarm motor mechanism handle terminal extension interphase barriers MN or MX voltage release

### Complementary

Poles description	3P
[In] rated current	160 A
[Ue] rated operational voltage	400/415 V
Network type	AC
Network frequency	50/60 Hz
Electrical durability	1000 cycles
Mechanical durability	7000 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	125 mm <sup>2</sup>
Utilisation category	Category A
Height	165 mm
Width	105 mm
Depth	116 mm

### Environment

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

---

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

---