

**Product data sheet**

**HDM3S160M16033XXT**

**Characteristics**

**Molded case circuit breaker, HDM3S, 160M, 160A 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 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	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 mm <sup>2</sup>
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...50 °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

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**Packing Units**

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Unit Type of Package 1	PCE
Number of Units in Package 1	1

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