

## Product data sheet

### Characteristics

# HDM3160S16033XX

molded case circuit breaker HDM3 - 160S/3P -  
Mag-theR 160A



### Main

Range of product	HDM3
Product or component type	Enclosed moulded case circuit breaker
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	160.0 A
Frame size	160AF
[Ue] rated operational voltage	400/415 V
Network type	AC
Network frequency	50...60 Hz
Electrical durability	4000.0 cycles
Mechanical durability	20000.0 Cycles with maintenance 10000.0 cycles without maintenance
[Uimp] rated impulse withstand voltage	8.0 kV
[Ics] rated service breaking capacity	21 kA
Rated breaking capacity	35 kA
[Ui] rated insulation voltage	800.0 V
Mounting mode	Fixed front
Clamping connection capacity	70 mm <sup>2</sup>
Tightening torque	9.5...10.5 N.m
Utilisation category	Category A
Provision for padlocking	Handle padlockable in on and off position
Height	165.0 mm
Width	107.0 mm
Depth	76.0 mm
Net weight	1.53 kg

### Environment

IP degree of protection	IP20
Pollution degree	3
Ambient air temperature for operation	40.0 °C
Ambient air temperature for storage	-20...70 °C
Dielectric test voltage	3 kV
Operating altitude	0...2000 m

Standards	IEC 60947-2
Product certifications	CE KEMA

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.53 kg
Package 1 Height	16.5 cm
Package 1 width	10.7 cm
Package 1 Length	7.6 cm