

## Product data sheet

## HDM3160N125B3XX2

### Characteristics

### Molded case circuit breaker HDM3 - 160N/4P - Mag-Therm MP B 125A



#### 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	Motor 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	4P
[In] rated current	125.0 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	36 kA
Rated breaking capacity	60 kA
[Ui] rated insulation voltage	800.0 V
Mounting mode	Fixed front
Clamping connection capacity	50 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	142.0 mm
Depth	88.0 mm
Net weight	2.03 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 Height	16.5 cm
Package 1 Width	14.2 cm
Package 1 Length	8.8 cm
Package 1 Weight	2.03 kg