

## Product data sheet

## HDM31600N100033XX

### Characteristics

### Molded case circuit breaker HDM3 - 1600N/3P - Mag-therm 1000A



#### 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	1000 A
Frame size	1600AF
[Ue] rated operational voltage	400 V
Network type	AC
Network frequency	50...60 Hz
Electrical durability	2500 cycles
Mechanical durability	5000 cycles
[Uimp] rated impulse withstand voltage	12 kV
[Ics] rated service breaking capacity	70 kA
Rated breaking capacity	70 kA
[Ui] rated insulation voltage	1000 V
Mounting mode	Fixed front
Clamping connection capacity	2 x 240 mm <sup>2</sup>
Tightening torque	11...14 N.m
Utilisation category	Category A
Provision for padlocking	Handle padlockable in on and off position
Height	408 mm
Width	223 mm
Depth	213 mm
Product weight	18.98 kg

#### Environment

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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

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### **Packing Units**

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	27.5 cm
Package 1 Width	28 cm
Package 1 Length	49 cm
Package 1 Weight	18.4 kg

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### **Offer Sustainability**

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Sustainable packaging	No
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