




Product data sheet

HDM31600N125033XX

Characteristics

Molded case circuit breaker HDM3 - 1600N/3P - Mag-therm 1250A

	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	1250 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 mm²
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
Net weight	18.98 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

Packing Units

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	18.5 kg

Offer Sustainability

Sustainable packaging	No
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