

## Product data sheet

## HDM3100T8032XX2

### Characteristics

### Molded case circuit breaker HDM3 - 100T/3P - Mag MP 80A



#### Main

Range of product	HDM3
Product or component type	Enclosed moulded case circuit breaker
Suitability for isolation	Yes
Trip unit technology	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	3P
[In] rated current	80.0 A
Frame size	100AF
[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	30 kA
Rated breaking capacity	30 kA
[Ui] rated insulation voltage	800.0 V
Mounting mode	Fixed front
Clamping connection capacity	25 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	150.0 mm
Width	92.0 mm
Depth	93.5 mm
Product weight	1.28 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
Product certifications	CE KEMA

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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	15.0 cm
Package 1 Width	9.2 cm
Package 1 Length	9.4 cm
Package 1 Weight	1.28 kg

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**Offer Sustainability**

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Sustainable packaging	No
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