

## Product data sheet

## HDM3S630M50033XXT

### Characteristics

Molded case circuit breaker, HDM3S, 630M, 500A 3P, TM, adjustable, 50



### Main

Range of product	HDM3S
Product or component type	Enclosed moulded case circuit breaker
Frame size	630AF
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	500 A
[Ue] rated operational voltage	400/415 V
Network type	AC
Network frequency	50/60 Hz
Electrical durability	1000 cycles
Mechanical durability	4000 cycles
[Uimp] rated impulse withstand voltage	8.0 kV
[Ics] rated service breaking capacity	50 kA at 400 V
Rated breaking capacity	50 kA at 400 V
[Ui] rated insulation voltage	1000 V
Clamping connection capacity	2 x 185 mm <sup>2</sup>
Utilisation category	Category A
Height	257 mm
Width	140 mm
Depth	155 mm

### Environment

IP degree of protection	IP20
Installation category	III
Pollution degree	3
Ambient air temperature for operation	-5...40 °C

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Ambient air temperature for storage	-20...70 °C
Operating altitude	0...2000 m
Standards	IEC 60947-2
Product certifications	TÜV

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**Packing Units**

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Unit Type of Package 1	PCE
Number of Units in Package 1	1

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