Nov 08, 2026

Product data sheet

HDM3S160M08033XXT

Characteristics

Molded case circuit breaker, HDM3S, 160M, 80A 3P, TM, adjustable, 50?

Main



Range of product	HDM3S
Product or component type	Enclosed moulded case circuit breaker
Frame size	160AF
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	80 A
[Ue] rated operational voltage	400/415 V
Network type	AC
Network frequency	50/60 Hz
Electrical durability	1500 cycles
Mechanical durability	8500 cycles
[Uimp] rated impulse withstand voltage	8.0 kV
[Ics] rated service breaking capacity	35 kA at 400 V
Rated breaking capacity	35 kA at 400 V
[Ui] rated insulation voltage	1000 V
Clamping connection capacity	70 mm²
Utilisation category	Category A
Height	155 mm
Width	90 mm
Depth	108 mm

Environment

IP degree of protection	IP20
Installation category	III
Pollution degree	3
Ambient air temperature for operation	-5…50 °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

Packing Units

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

Offer Sustainability

Sustainable packaging	No