



Product data sheet

HDM3L12F080B3X0B1

Characteristics

Molded case circuit breaker HDM3L - 125F/4P(B) - mag-therm - 80A - 1/3/5 - delay

	Main	
	Range of product	HDM3L
	Suitability for isolation	Yes
	Trip unit technology	Thermal-magnetic
	Device application	Power distribution protection

Complementary

Product or component type	Enclosed moulded case circuit breaker with earth leakage protection
Poles description	4P
[In] rated current	80.0 A
Frame size	125AF
[Ue] rated operational voltage	400/415 V
Network type	AC
Network frequency	50...60 Hz
Electrical durability	8000.0 cycles
Mechanical durability	40000.0 cycles with maintenance 20000.0 cycles without maintenance
[Uimp] rated impulse withstand voltage	8.0 kV
[Ics] rated service breaking capacity	30 kA
Rated breaking capacity	50 kA
[Ui] rated insulation voltage	800.0 V
Mounting mode	Fixed front
Clamping connection capacity	= 25 mm²
Tightening torque	9.5...10.5 N.m
Provision for padlocking	Handle padlockable in on and off position
Height	150.0 mm
Width	122.0 mm
Depth	93.5 mm

Environment

Ambient air temperature for operation	40 °C
Standards	IEC 60947-2
Product certifications	CE

Offer Sustainability

Sustainable packaging	No
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