

Product data sheet

HDM2125L1002

Characteristics

Molded case circuit breaker, HDM2-125L, 2P, 100 A, power distribution



Main

Range of product	HDM2
Product or component type	Enclosed moulded case circuit breaker
Poles description	2P
[In] rated current	100 A
Frame size	125AF

Complementary

[Ue] rated operational voltage	220/240 V 400 V
Network type	AC AC
Network frequency	50/60 Hz
Electrical durability	2000 cycles
Mechanical durability	9000 cycles
[Uimp] rated impulse withstand voltage	8 kV
Suitability for isolation	Yes
Trip unit technology	Thermal-magnetic
Device application	Power distribution protection
[Ics] rated service breaking capacity	30 kA at 220/240 V 20 kA at 400 V
Rated breaking capacity	18 kA at 220/240 V 15 kA at 400 V
Voltage release type	Shunt trip release
Provided equipment	MX voltage release to be ordered separately
[Ui] rated insulation voltage	690 V
Installation category	III
Clamping connection capacity	50 mm ²
Height	130 mm
Width	25 mm
Depth	94 mm
Product weight	0.7 kg

Environment

IP degree of protection	IP20
Pollution degree	3

Utilisation category	Category A
Ambient air temperature for operation	-5...40 °C
Ambient air temperature for storage	-20...70 °C
Operating altitude	0...2000 m
Standards	IEC 60947-2
Product certifications	SEMKO

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.0 cm
Package 1 Width	2.5 cm
Package 1 Length	9.4 cm
Package 1 Weight	700.0 g

Offer Sustainability

Sustainable packaging	No
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