

## Product data sheet

## HDM2125L0801

### Characteristics

**Molded case circuit breaker, HDM2-125L, 1P, 80 A, power distribution**



### Main

Range of product	HDM2
Product or component type	Enclosed moulded case circuit breaker
Poles description	1P
[In] rated current	80 A
Frame size	125AF

### Complementary

[Ue] rated operational voltage	220/240 V
Network type	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	20 kA at 220/240 V
Rated breaking capacity	15 kA at 220/240 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 <sup>2</sup>
Height	130 mm
Width	50 mm
Depth	94 mm
Net weight	0.4 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	5.0 cm
Package 1 Length	9.4 cm
Package 1 Weight	400.0 g