

Power LAB products

MCB1P-125DC



MCB1P-125DC circuit breaker

Circuit breaker high breaking capacity circuit breaker for DC systems. Current 125A, voltage 100V. Compliant with IEC/EN60947-2 standard.



Overload and short-circuit protection function



Rated short-circuit breaking capacity up to 10kA



Rated current up to 125A



Rated voltage up to 100V



Designed for photovoltaics, energy storage and other DC applications

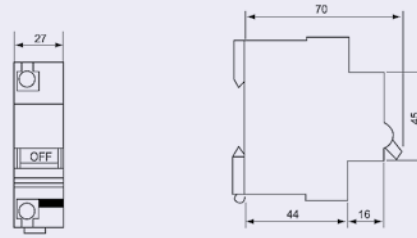


Standards AS 60947.3:2018 and IEC60947.1:2015



2-year warranty

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Product model		MCB1P-125DC
Pole		1P
Frame current		125A
Rated current	I_n	125A
Rated operating voltage	U_e (DC)	100V
Rated insulation voltage	U_i	1200V
Rated impulse withstand voltage	U_{imp}	6kV
Switching capacity	I_{cu}	10kA
Trip characteristics		C
Trip type		Thermal-magnetic
Electrical life		300 cycles
Mechanical life		9 700 cycles
Overvoltage category		III
Degree of contamination		3
Protection against ingress		IP40, IP20 wiring port
Resistance to moisture and heat		Class 2
Conductor cross-section range for terminals		2,5 - 35 mm ²
Terminal tightening torque		2,0 - 3,5Nm
Operating temperature		-30°C ~ +70°C
Ambient temperature		-40°C ~ +85°C
Installation method		DIN
Standard		IEC60947-2

