

EVOLEC



ISOLATION
PROTECTION



NON
POLARIZED



SHORT CIRCUIT
PROTECTION



OVER LOAD
PROTECTION



DC MCB
ELBDC-125

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ELBDC-125

General

The rated operating voltage can reach DC1200V, and the rated operating current can reach 125A, which is used for isolation, overload, and short circuit protection. It is widely used in photovoltaic, industrial, civil, communication, and other systems, and can also be used in DC systems to ensure the reliable operation of DC systems.



Functions

- Modular design.
- Non-Polarized.
- Standard Din rail installation, convenient installation.
- Overload, short circuit, isolation protection function, comprehensive protection.
- The breaking capacity reaches 6KA, with strong protection capacity.
- Complete accessories and strong expansibility.
- Multiple wiring methods to meet various wiring needs of Customers.

Applications

- PV systems.
- Communication systems.
- All DC applications.

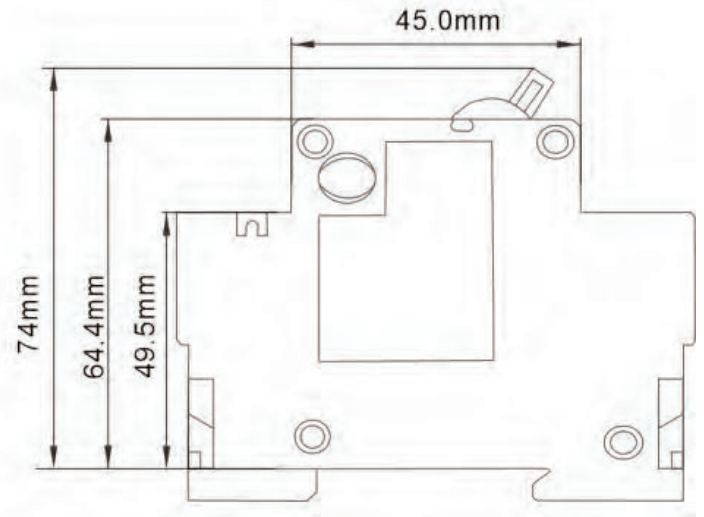
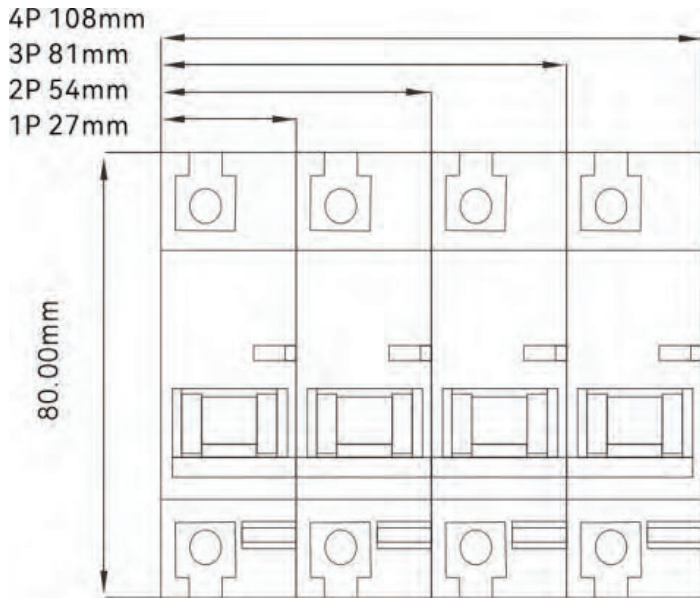
Technical data

Parameter	Data
Pole:	2P/4P
Frame grade:	125
Rated working voltage VDC:	2P 600VDC/ 4P 1200VDC
Rated current In(A):	80,100,125
Rated insulation voltage Ui (V DC):	1200
Rated impulse voltage Uimp (KV):	4
Ultimate breaking capacity Icu (KA) (T =4ms):	6
Operation breaking capacity Ics (KA):	Ics=100%Icu
Tripping type:	Thermal-magnetic
Curve Type:	C
Mechanical life:	10000 times.
Electrical life:	2500 times.
Polarity:	Heteropolar
Working temperature:	-20 C to +70 C
Altitude(m):	2000m
Pollution degree:	Level 3
Protection degree:	IP20
Installation environment:	Places without significant vibration and impact
Installation method:	DIN35 standard rail
Wiring capacity:	16-50 mm ²
Terminal torque:	3.5 N·m
Product size(mm) :	2P:74*54*80 4P:74*108*80
Standard:	IEC/EN 60947-2, EU ROHS environmental protection requirements.
Quality Certificates:	CE, ISO 9001, RoHS

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Overall and mounting dimensions(mm)



Wiring diagram

