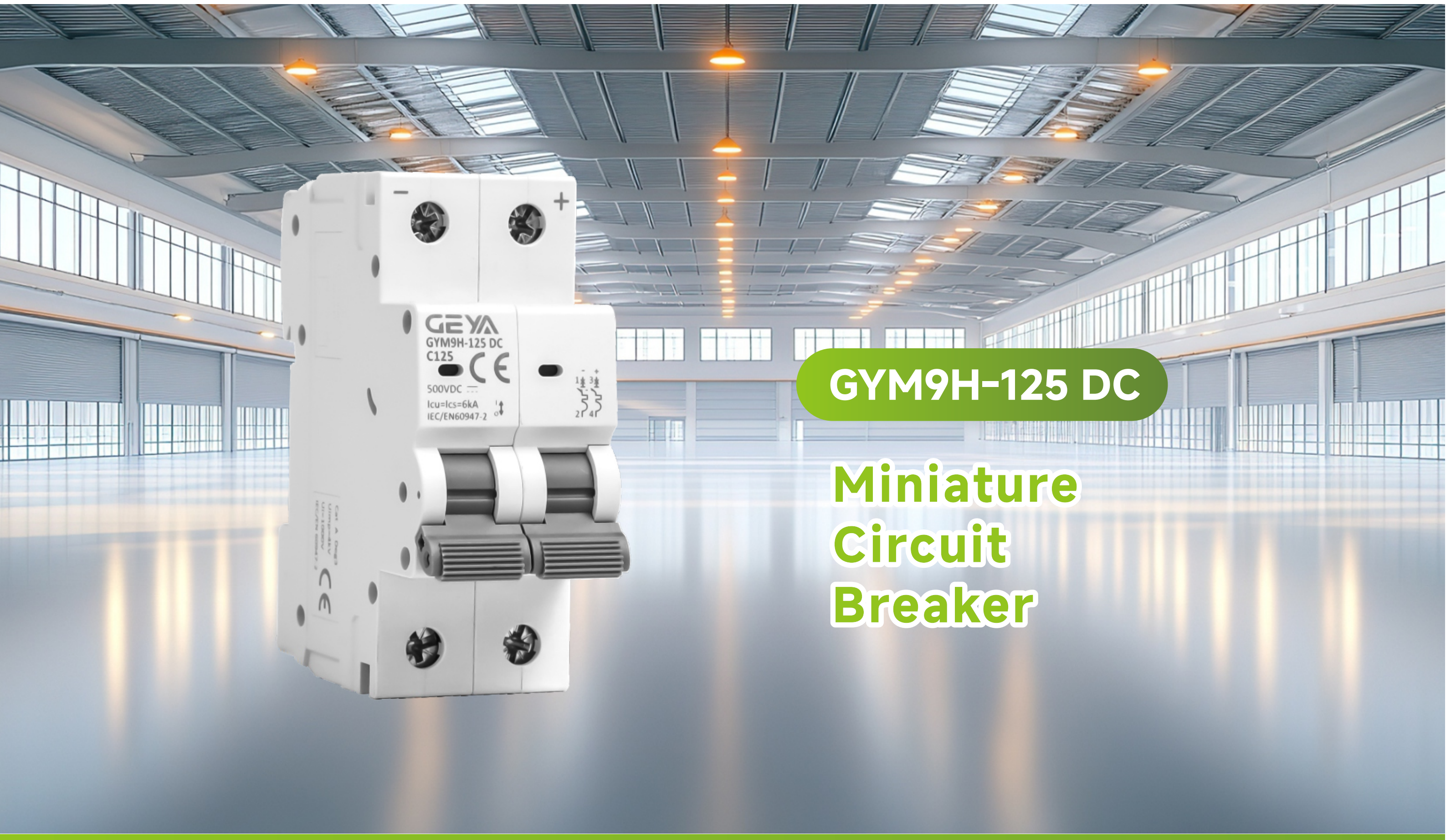
GEYA POWER



GYM9H-125 DC

Miniature Circuit Breaker

Functions and Applications

Overload, short circuit, isolation; Suitable for communication, photovoltaic and other DC system applications.

Product Feature

Standard: IEC/EN60947、GB/T 14048.2
Contact Position Indication Function
Maximum Wiring Capacity 35mm2

Technical Specification

- Rated Current (In): 63、80、100、125
- Rated Voltage (Ue): 1P:250VDC;2P:500VDC; 3P:750VDC;4P:1000VDC;
- Working Frequency: 50/60Hz;
- Tripping Curves: Ii=6In(B), Ii=8.5In(C), Ii=12In(D)
- Rated ultimate shortcircuit breaking capacity(Icu): 6kA
- Poles: 1P、2P、3P、4P
- Mechanical Life: 10000 times
- Rated impulse withstand voltage (Uimp): 4kV

GEYA POWER

Performance Characteristic

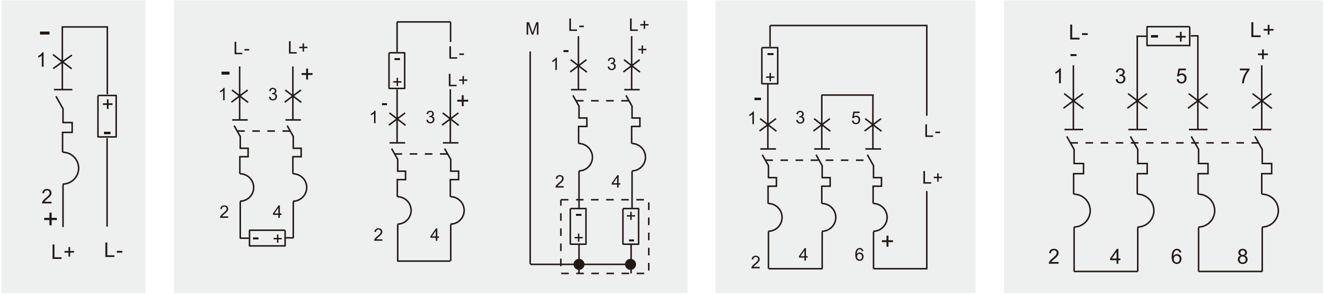
Test	Test current	Initial Condition	Limits of tripping or non-tripping time	Result to be obtained	Remarks	Fiducial temperature
B/C/D	1.05In	Cold	t≤1h(In≤63)	No tripping		30°C
	1.3In	Immediately following	t≤1h(In≤63)	Tripping	Current steadily increased within 5s	
	2.55In	Cold	1s<t<60s(In≤32A) 1s<t<120s(In≤32A)	Tripping		
B	4.8In	Cold	t≤0.1S	No tripping		
C	6.8In	Cold				
D	9.6In	Cold				
B	7.2In	Cold	t≤0.1S	Tripping		
C	10.2In	Cold				
D	14.4In	Cold				

Temperature Compensation

When the ambient temperature is not the baseline temperature of 30°C, the reference Correction coefficientis as follows:

Ambient Temperature	-20°C	-10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C
Current Correction Factor	1.25	1.2	1.15	1.10	1.05	1.00	0.95	0.90	0.85

Wiring diagram



Remark

1. L+:Positive Pole, L-:Negative Pole;
2. +:MCB of positive pole, -: MCB of negative pole;
3. -[+ -]-: Load;
4. DC power supply usually "L-" ground lead, Neutral pole of positive and negative power supply system"M"ground lead;

Outline Overall And Installing Dimensions