

**GYM9H DC**

**Miniature  
Circuit  
Breaker**

GYM9 DC Circuit Breaker is designed for DC circuits with a rated voltage up to 1000V and a rated current up to 63A. It provides overload and short-circuit protection and can also be used for infrequent switching operations of circuits. This circuit breaker is suitable for DC system applications, such as communications and photovoltaic (PV) systems. Compliance Standards: IEC/EN 60947-2 GB/T 14048.2

- ✓ RoHS 2.0 compliant
- ✓ Dual busbar wiring function
- ✓ Transparent marking feature
- ✓ Contact position indicator
- ✓ Max. wire capacity: 16mm<sup>2</sup>

### • Technical Specification •

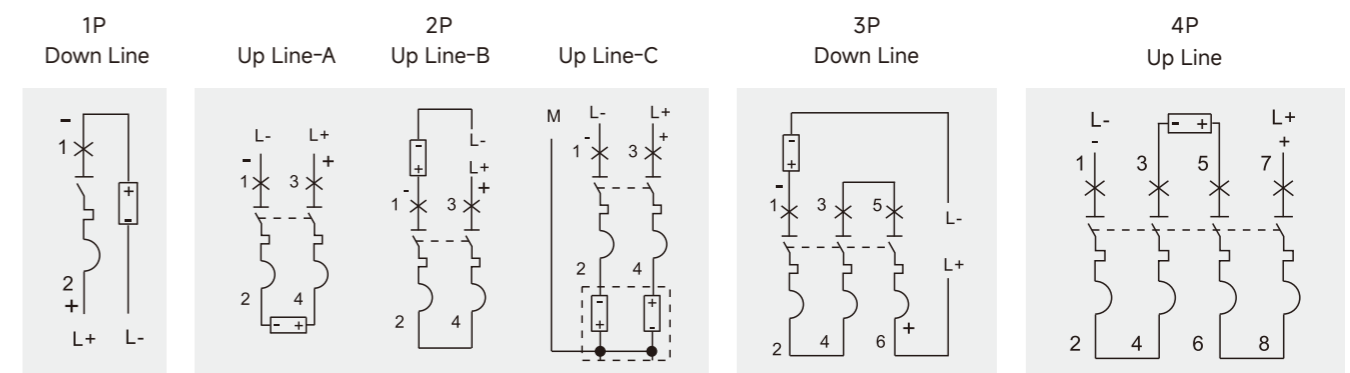
- ✓ Rated Current(I<sub>n</sub>): 1-63A
- ✓ Rated Voltage(U<sub>e</sub>): 1P:250VDC;2P:500VDC; 3P:750VDC;4P:1000VDC
- ✓ Tripping Curves: B、C、D
- ✓ Rated insulation voltage (U<sub>i</sub>) 500V
- ✓ Breaking Capacity: 6kA
- ✓ Poles: 1P、2P、3P、4P
- ✓ Mechanical Life: 20000 times
- ✓ Electrical Life: 10000 times
- ✓ Tightening moment: 2.0N.m
- ✓ Class of protection: Ip20

### • Temperature Compensation •

When the ambient temperature is not the baseline temperature of 30°C, the reference Correction coefficient is 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 •

