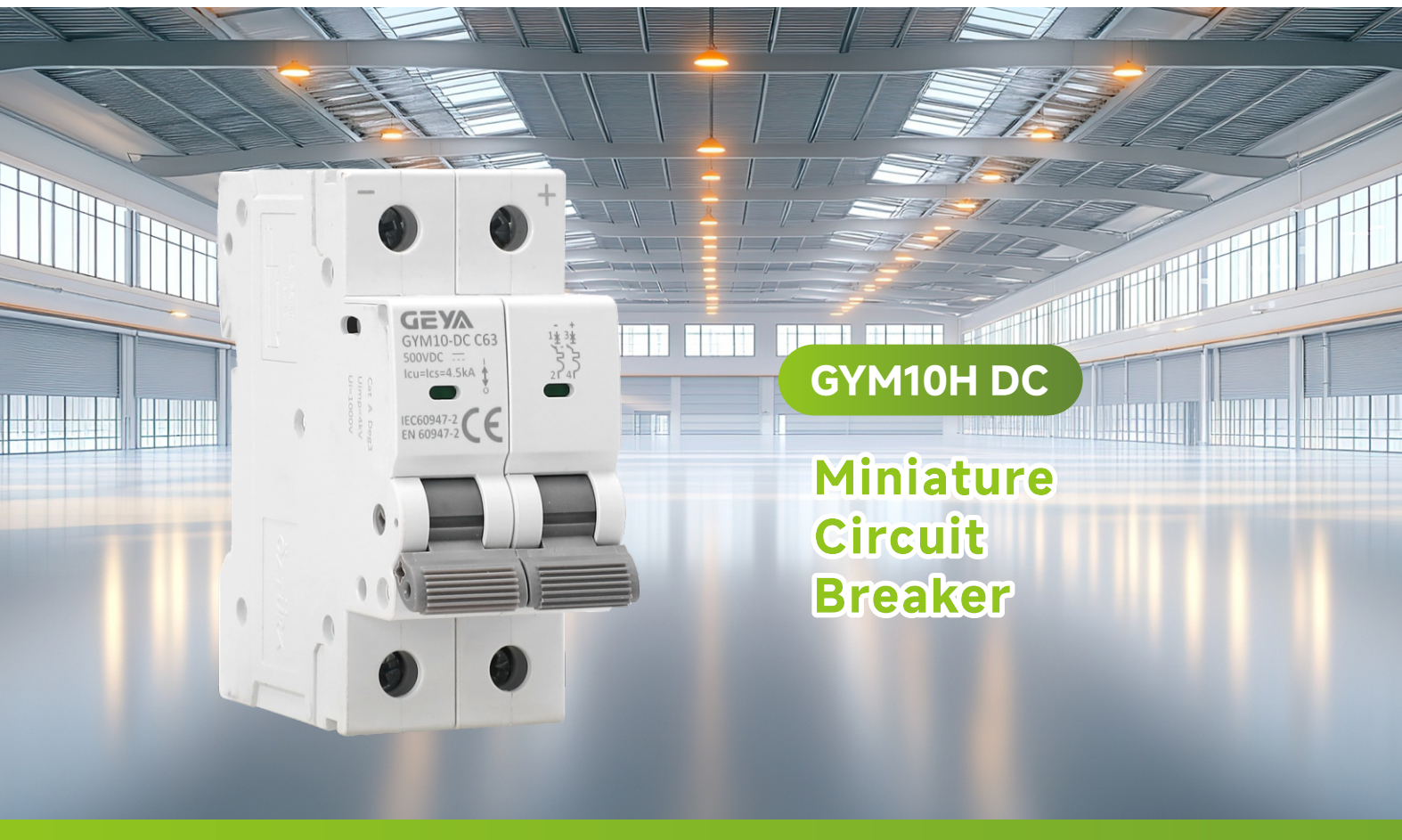




GYM10H DC

Miniature Circuit Breaker

The GYM10H DC circuit breaker is designed for DC circuits with rated voltage up to 1000V and rated current up to 63A, providing overload and short-circuit protection, and can also be used for infrequent circuit switching operations. This breaker is suitable for DC system applications such as telecommunications and photovoltaic (PV) systems. Compliant with standards: IEC/EN 60947-2, GB/T 14048.2

- ✔ Contact Position Indication Function
- ✔ Maximum Wiring Capacity 16mm²
- ✔ Dual busbar and no busbar options available

• Technical Specification •

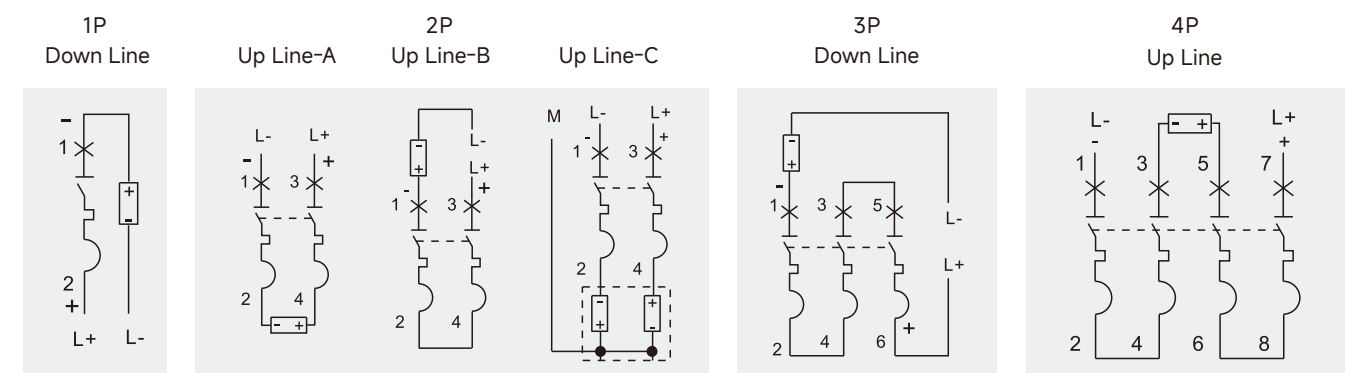
- | | | | |
|--|--|------------------------|-------------|
| ✔ Rated Current(I _n): | 6、10、16、20、25、32、40、50、63A | ✔ Breaking Capacity: | 4.5kA |
| ✔ Rated Voltage(U _e): | 1P:250VDC;2P:500VDC;
3P:750VDC;4P:1000VDC | ✔ Poles: | 1P、2P、3P、4P |
| ✔ Rated insulation voltage: | 500V | ✔ Mechanical life: | 20000 times |
| ✔ Rated impulse withstand voltage (U _{imp}): | 4kV | ✔ Electrical life: | 10000 times |
| ✔ Tripping Curves: | B:(6±20%)I _n 、C:(8.5±20%)I _n 、D:(12±20%)I _n | ✔ 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 •

