GYM10H-DC
Miniature Circuit Breaker

4.5KA Breaking capacity

Miniature Circuit Breaker

IEC/EN 60947-2, GB/T 14048.2

CE

GYM10H-DC



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 environmental RoHS 2.0
- Dual flow discharge wiring function
- Contact position indication function
- Wiring capacity: (0.5-25) mm²





Product Model And Implication

GYM10H	-	DC
Product model		
MCB		Direct-Current

Technical Specification

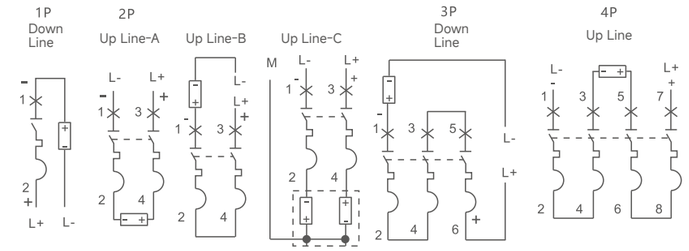
- Rated Current(In): 6、10、16、20、25、32、40、50、63A
- Rated Voltage(Ue): 1P:250VDC;2P:500VDC; 3P:750VDC;4P:1000VDC
- Rated insulation voltage: 500V
- Rated impulse withstand voltage (Uimp): 4KV
- Tripping Curves: B:(6±20%)In、C:(8.5±20%)In、D:(12±20%)In
- Breaking Capacity: 4.5kA
- Poles: 1P、2P、3P、4P
- Mechanical life: 20000 times
- Electrical life: 4000 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 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

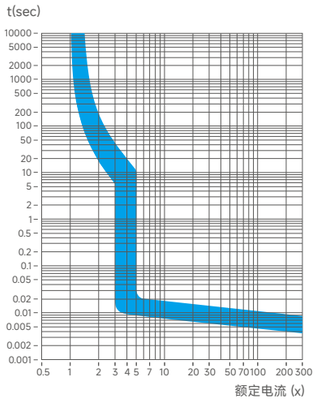
Wiring diagram



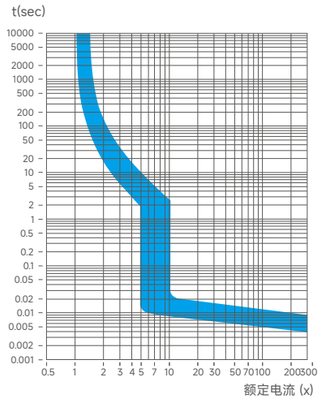
Remark:
1 L+:Positive Pole, L-:Negative Pole;
2 +:MCB of positive pole, -: MCB of negative pole;
3 —[+ -]— : Load;
4 DC power supply usually "L-" ground lead, Neutral pole of positive and negative power supply system"M"ground lead;

Tripping Curves

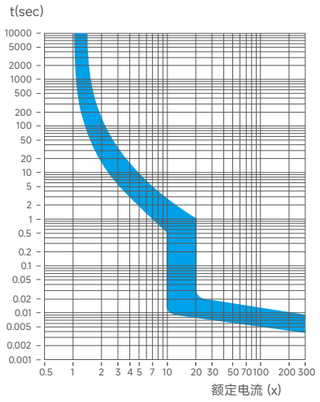
B Type



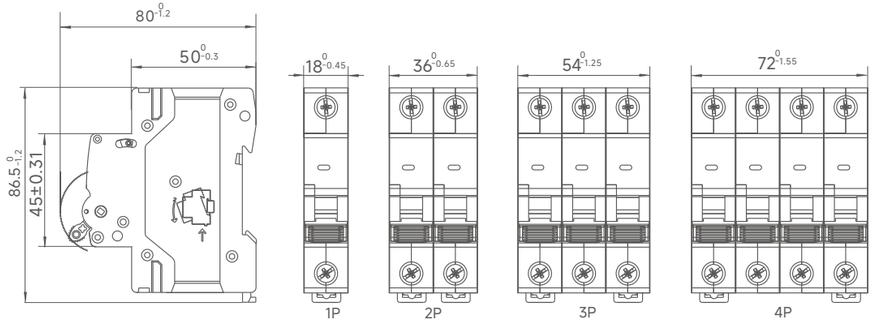
C Type



D Type



Outline Overall And Installing Dimensions



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