

# GYM10DC MCB

## ●Functions and Applications

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

## ●Product Feature

Contact Position Indication Function

Maximum Wiring Capacity 25mm<sup>2</sup>

## ●Technical Specification

Standard: IEC/EN60947-2、GB/T 14048.2

rated Current (In) : 6、10、16、20、25、32、40、50、63A

Rated Voltage (Ue) : 1P:250VDC;2P:500VDC; 3P:750VDC;4P:1000VDC;

Tripping Curves: Ii=8.5In(Trip type C), Ii=12In(Trip type D)

Breaking Capacity: 4500A

Poles: 1P、2P、3P、4P

mechanical Life: 20000 time

rated insulation voltage (Ui): 500V

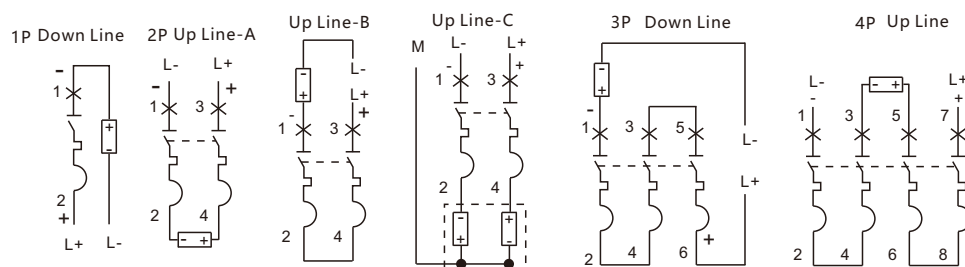
rated impulse withstand voltage (Uimp): 4kV

## ●Temperature Compensation

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

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

## ●Wiring Diagram



Remark: ●L+:Positive Pole, L-: negative pole;

●+: MCB of positive pole, -: negative pole

●: Load;

●DC power supply usually "L-" ground lead, Neutral pole of positive and negative power supply system "M" ground lead;

## ●Outline Overall And Installing Dimensions

