

GYM8 MCB

●Functions and Applications

Overload, short circuit, isolation; Circuit breaker is suitable for industrial, commercial, high-rise and civil residential and other occasions.

●Product Feature

- ▶ Standard: IEC/EN60898-1、GB10963.1
- ▶ Double Sink Flow Bar Wiring Function
- ▶ With Transparent Identification Function
- ▶ Contact Position Indication Function
- ▶ Maximum Wiring Capacity 25mm²

●Technical Specification

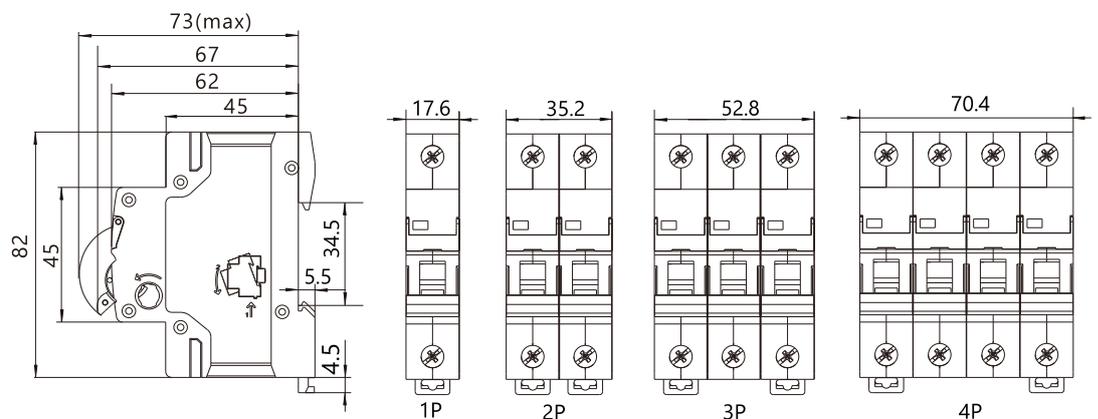
- ▶ rated Current (In) : 1、2、3、4、6、10、16、20、25、32、40、50、63A
- ▶ Rated Voltage (Ue) : 1P:230/400V~;2P-4P:400Vof 1P:240/415V~;2P-4P:415V
- ▶ Working Frequency: 50/60Hz
- ▶ Tripping Curves: B、C、D
- ▶ Breaking Capacity: 4.5kA
- ▶ Poles: 1P、2P、3P、4P
- ▶ mechanical Life: 10000 time
- ▶ Electrical Life: 4000 time

●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

●Outline Overall And Installing Dimensions



GYM10 MCB

●Functions and Applications

Overload, short circuit, isolation; Circuit breaker is suitable for industrial, commercial, high-rise and civil residential and other occasions.

●Product Feature

- ▶ Standard: IEC/EN60898-1、GB10963.1
- ▶ Double busbar, Single Busbar Wiring Function Is Optional
- ▶ With Transparent Identification Function
- ▶ Contact Position Indication Function
- ▶ Maximum Wiring Capacity 25mm²

●Technical Specification

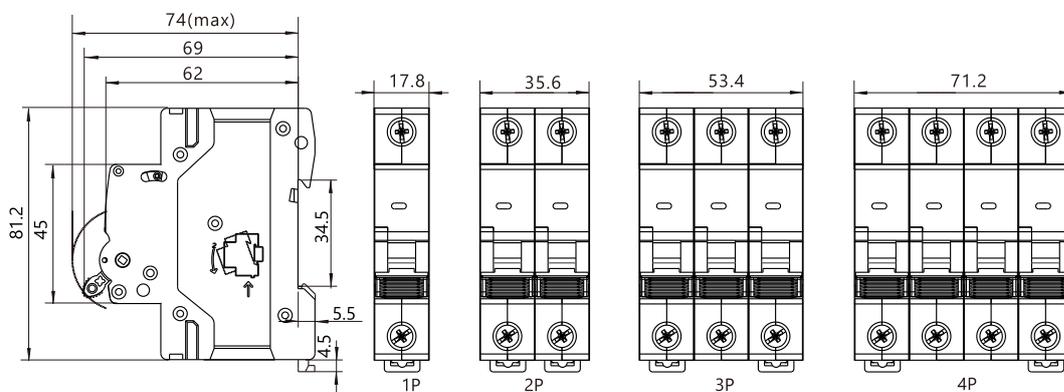
- ▶ rated Current (In) : 1、2、3、4、6、10、16、20、25、32、40、50、63A
- ▶ Rated Voltage (Ue) : 1P:230/400V~;2P-4P:400Vof 1P:240/415V~;2P-4P:415V
- ▶ Working Frequency: 50/60Hz
- ▶ Tripping Curves: B、C、D
- ▶ Breaking Capacity: 6kA
- ▶ Poles: 1P、2P、3P、4P
- ▶ mechanical Life: 10000 time
- ▶ electrical Life: 6000 time

●Temperature Compensation

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

Ambient Temperature		-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

●Outline Overall And Installing Dimensions



GYM9 MCB

●Functions and Applications

Overload, short circuit, isolation; Circuit breaker is suitable for industrial, commercial, high-rise and civil residential and other occasions.

●Product Feature

- ▶ Standard: IEC/EN60898-1、GB10963.1
- ▶ Double Sink Flow Bar Wiring Function
- ▶ With Transparent Identification Function
- ▶ Contact Position Indication Function
- ▶ Maximum Wiring Capacity 25mm²

●Technical Specification

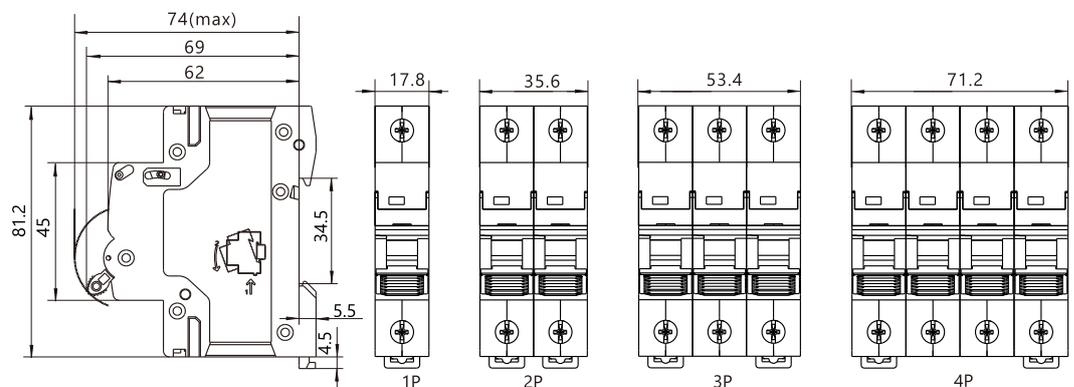
- ▶ rated Current (In) : 1、2、3、4、6、10、16、20、25、32、40、50、63A
- ▶ Rated Voltage (Ue) : 1P:230/400V~;2P-4P:400Vof 1P:240/415V~;2P-4P:415V
- ▶ Working Frequency: 50/60Hz
- ▶ Tripping Curves: B、C、D
- ▶ Breaking Capacity: 6kA
- ▶ Poles: 1P、2P、3P、4P
- ▶ mechanical Life: 20000 time
- ▶ electrical Life: 60000 time

●Temperature Compensation

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

Ambient Temperature		-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

●Outline Overall And Installing Dimensions



GYM9H MCB

●Functions and Applications

Overload, short circuit, isolation; Circuit breaker is suitable for industrial, commercial, high-rise and civil residential and other occasions.

●Product Feature

- ▶ Standard: IEC/EN60898-1、GB10963.1
- ▶ Double Sink Flow Bar Wiring Function
- ▶ With Transparent Identification Function
- ▶ Contact Position Indication Function
- ▶ Maximum Wiring Capacity 25mm²

●Technical Specification

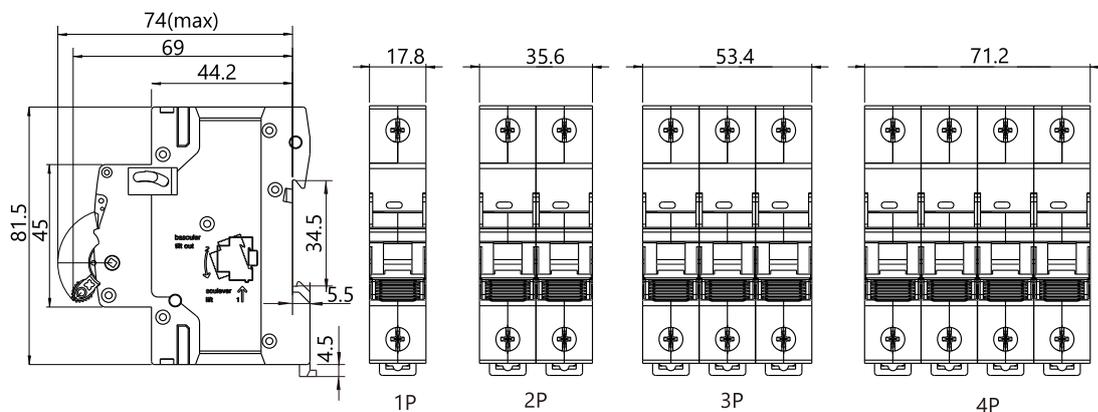
- ▶ rated Current (In) : 1、2、3、4、6、10、16、20、25、32、40、50、63A
- ▶ Rated Voltage (Ue) : 1P:230/400V~;2P-4P:400Vof 1P:240/415V~;2P-4P:415V
- ▶ Working Frequency: 50/60Hz
- ▶ Tripping Curves: B、C、D
- ▶ Breaking Capacity: 10kA
- ▶ Poles: 1P、2P、3P、4P
- ▶ mechanical Life: 20000 time
- ▶ electrical Life: 6000 time

●Temperature Compensation

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

Ambient Temperature		-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

●Outline Overall And Installing Dimensions



GYM9H-DC MCB

●Functions and Applications

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

●Product Feature

- ▶ Standard: IEC/EN60947-2、GB14048.2
- ▶ With Transparent Identification Function
- ▶ Contact Position Indication Function
- ▶ Maximum Wiring Capacity 25mm²

●Technical Specification

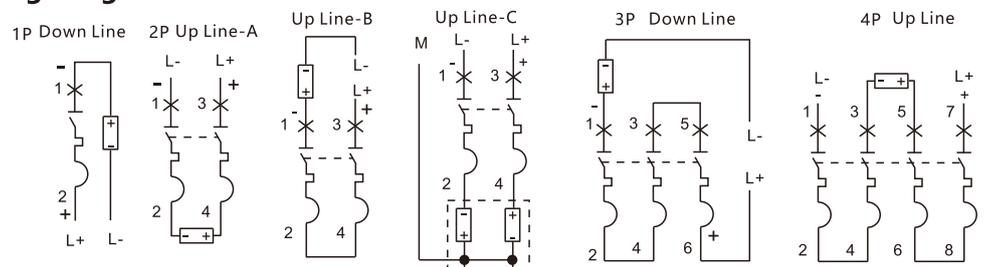
- ▶ rated Current (In) : 1、2、3、4、6、10、16、20、25、32、40、50、63A
- ▶ Rated Voltage (Ue) : 1P:250VDC;2P:500VDC; 3P:750VDC;4P:1000VDC;
- ▶ Tripping Curves: B、C
- ▶ Breaking Capacity: 6kA
- ▶ Poles: 1P、2P、3P、4P
- ▶ mechanical Life: 20000 time
- ▶ electrical Life: 1500 time

●Temperature Compensation

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

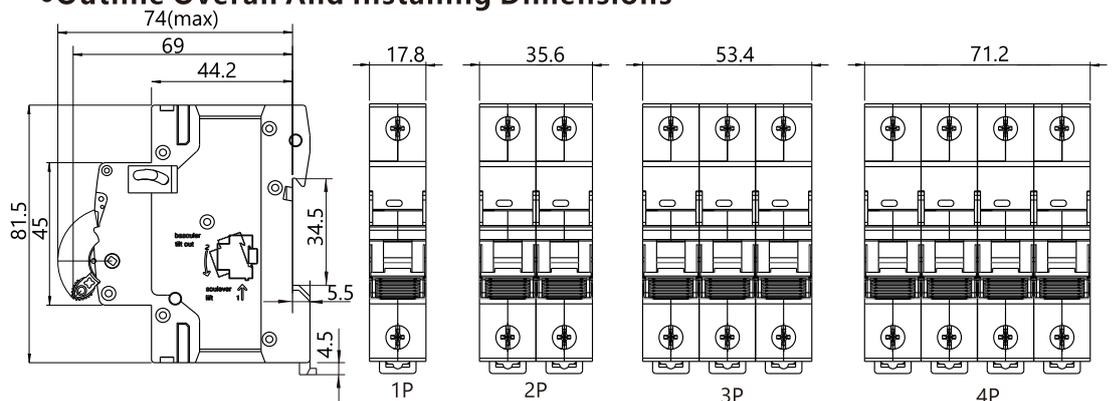
Ambient Temperature	-20 °C	-10 °C	0 °C	10 °C	20 °C	30 °C	40 °C	50 °C	60 °C
Current Correction Factor	1.25	1.2	1.15	1.10	1.05	1.00	0.95	0.90	0.85

●Wiring Diagram



- Remark: ●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



GYM9H-Z MCB

●Functions and Applications

Overload, short circuit, isolation; Suitable for DC screen, energy storage equipment and other DC non-polar applications.

●Product Feature

- ▶ Standard: IEC/EN60947-2、IEC/EN60947-2 Annex P、GB14048.2、GB14048.2 Annex P
- ▶ Double Sink Flow Bar Wiring Function
- ▶ With Transparent Identification Function
- ▶ Contact Position Indication Function
- ▶ Maximum Wiring Capacity 25mm²

●Technical Specification

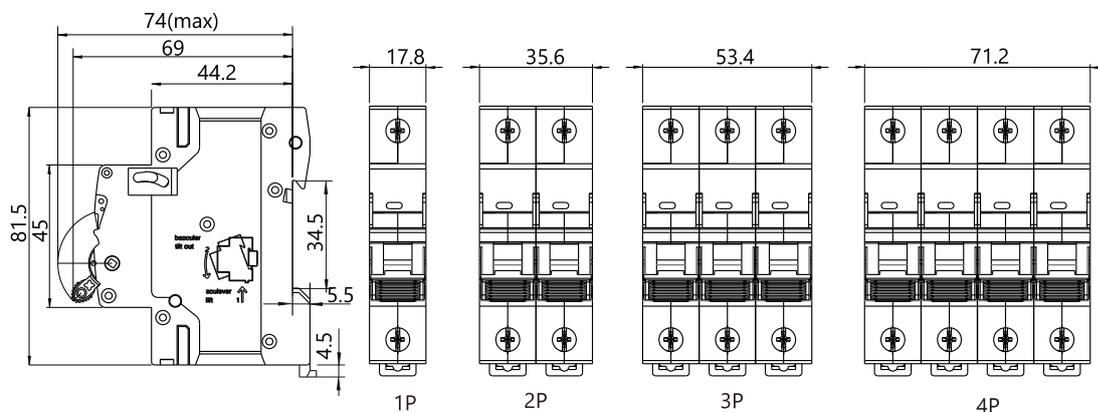
- ▶Rated Current (In) : 1、2、3、4、6、10、16、20、25、32、40、50、63A
- ▶Rated Voltage (Ue) : 1P:48、60、125、150VDC;2P:110、125、250、300VDC;
3P:450VDC;4P:600VDC;
- ▶Tripping Curves: B、C
- ▶Breaking Capacity: 6kA
- ▶Poles: 1P、2P、3P、4P
- ▶mechanical Life: 20000 time
- ▶electrical Life: 1500 time

●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

●Outline Overall And Installing Dimensions



GYM9N MCB

●Functions and Applications

Overload, short circuit, Suitable for commercial, high-rise and civil residential, or installation size limited and other occasions.

●Product Feature

- ▶ Standard: IEC/EN60898-1、GB10963.1
- ▶ With Transparent Identification Function
- ▶ Contact Position Indication Function
- ▶ Maximum Wiring Capacity 16 mm²

●Technical Specification

- ▶ rated Current (In) : 6、10、16、20、25、32、40A
- ▶ Rated Voltage (Ue) : 230/240V~
- ▶ Working Frequency: 50/60Hz
- ▶ Tripping Curves: B、C
- ▶ Breaking Capacity: 4.5/6kA
- ▶ Poles: 1P+N(The N pole is on the left)
- ▶ mechanical Life: 10000 time
- ▶ Electrical Life: 10000 time

●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

●Outline Overall And Installing Dimensions

