



Miniature Circuit Breaker

IEC/EN 60947-2 GB/T 14048.2



GYM9H-Z AC/DC



GYM9H-Z Miniature Circuit Breaker is designed for both AC and DC circuits:
AC applications: 50/60Hz, rated voltage 230/400V, rated current up to 63A.
DC applications: Rated voltage 220V, rated current up to 63A.
It provides overload and short-circuit protection and is suitable for infrequent switching operations of circuits under normal conditions.
This circuit breaker is widely applicable in industrial, commercial, high-rise buildings, and residential installations.

- ✓ RoHS 2.0 compliant
- ✓ Double Sink Flow Bar Wiring
- ✓ With Transparent Identification Function
- ✓ Contact Position Indication Function
- ✓ Wiring Capacity 0.5-25mm²



Product Model And Implication

GYM9H	-	Z
Product model		
MCB		AC/DC

Technical Specification

- ✓ Rated Current (In): 1、2、3、4、6、10、16、20、25、32、40、50、63A
- ✓ Rated Voltage (Ue): 1P:230/400VAC, 150VDC;2P:230/400VAC, 300VDC; 3P:230/400VAC, 450VDC;4P:230/400VAC, 600VDC.
- ✓ Tripping Curves: B:(6±20%)In、C:(8.5±20%)In、D:(12±20%)In
- ✓ Breaking Capacity: **6kA**
- ✓ Poles: 1P、2P、3P、4P
- ✓ Mechanical Life: 20000 times
- ✓ Electrical Life: 10000 times
- ✓ Rated insulation voltage (Ui): 500V
- ✓ Rated impulse withstand voltage (Uimp): 4KV
- ✓ Tightening moment: 2.0N.m
- ✓ Class of protection: Ip20

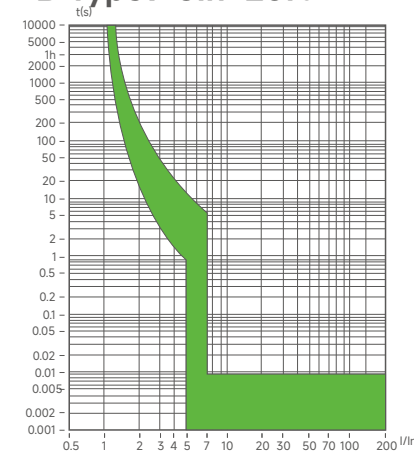
Temperature Compensation

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

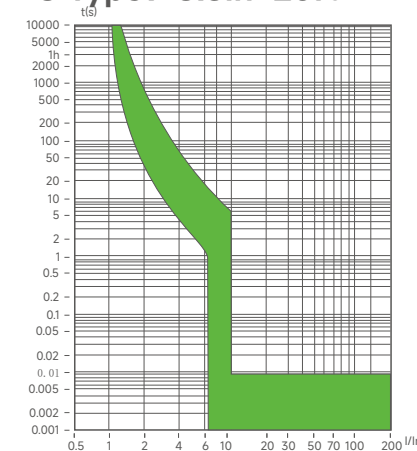
Ambient Temperature	-20°C	-10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C
Current Correction Factor	1.25	1.2	1.15	1.10	1.05	1.00	0.95	0.90	0.85

Tripping Curves

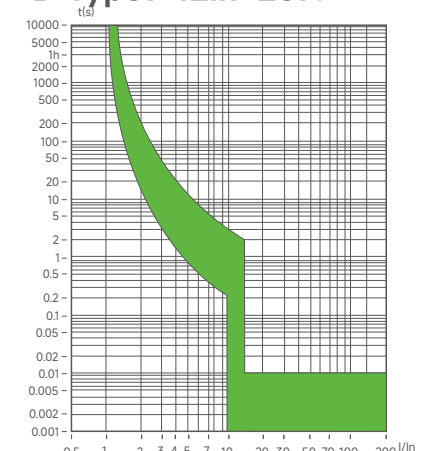
B Type: 6In±20%



C Type: 8.5In±20%



D Type: 12In±20%



Outline Overall And Installing Dimensions

