

6/10KA
Breaking capacity

Miniature Circuit Breaker

IEC/EN 60898-1, GB/T 10963.1



GYM9 (H)



The GYM9H miniature circuit breaker (MCB) is designed for AC 50/60Hz circuits with rated voltage 240/415V and rated current up to 63A, providing reliable overload and short-circuit protection. It also serves for infrequent circuit switching operations.

This breaker is suitable for various installations including industrial facilities, commercial buildings, high-rise structures, and residential applications.

- ✔ RoHS 2.0 compliant
- ✔ Dual busbar connection
- ✔ Transparent ID window
- ✔ Contact position indicator
- ✔ Wire size: (0.5-25) mm²
- ✔ TH35-7.5din-rail-mounting



Product Model And Implication

GYM9	H
Product model	
MCB	H: 10000 None: 6000

Technical Specification

- | | | | |
|--|--|------------------------|-------------|
| ✔ Rated current (I _n): | 1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A | ✔ Operating frequency: | 50/60Hz |
| ✔ Rated voltage (U _e): | 240/415V~; 230/400V~ | ✔ Breaking capacity: | 6kA, 10kA |
| ✔ Rated insulation voltage (U _i): | 500V | ✔ Mechanical life: | 20000 times |
| ✔ Rated impulse withstand voltage (U _{imp}): | 4kA | ✔ Electrical life: | 10000 times |
| ✔ Number of poles: | 1P, 2P, 3P, 4P | ✔ Tightening moment: | 2.0N.m |
| ✔ Tripping curve: | B, C, D | ✔ Class of protection: | IP20 |

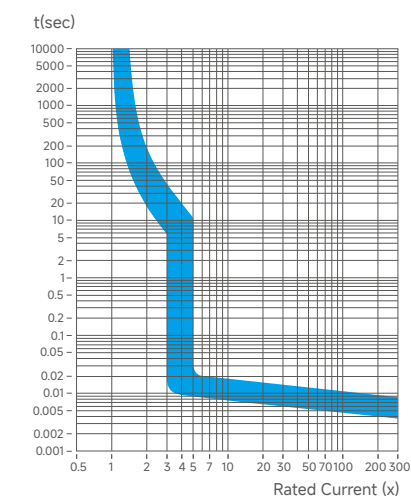
Temperature Compensation

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

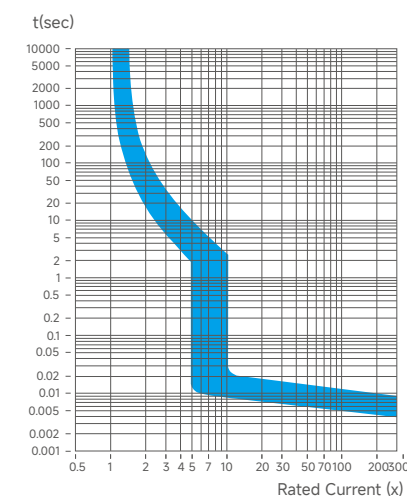
Ambient Temperature	-20°C	-10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C
Current Correction Factor	1.25	1.2	1.15	1.10	1.05	1.00	0.95	0.90	0.85

Tripping Curves

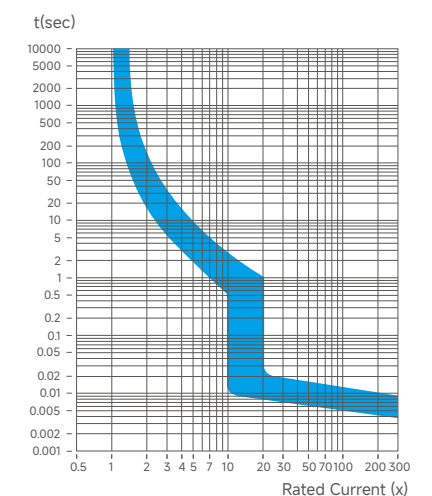
Curve B



Curve C



Curve D



Outline Overall And Installing Dimensions

