

400A Electronic Molded Case Circuit Breaker

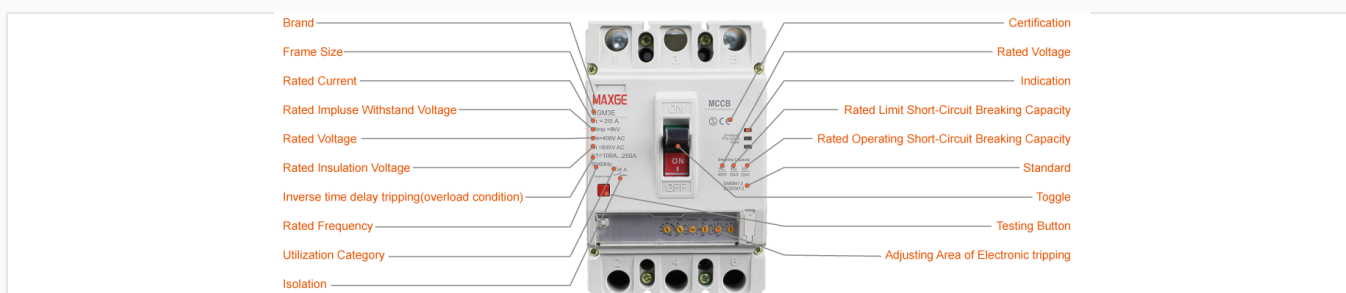
This electronic MCCB is designed for industrial circuit protection. It is used in circuits with rated voltage below 690V and a rated working current up to 400A for infrequent transformation and motor starting.



ADDITIONAL IMAGES



Overview



Industrial Circuit Protection

This electronic molded case circuit breaker is engineered for reliable circuit protection in industrial and commercial electrical distribution systems. It is designed to operate in circuits with rated voltages up to 690V and handles rated working currents up to 400A. The unit is suitable for infrequent transformation and motor starting applications, ensuring safety and performance in demanding environments.

Electrical Ratings

Rated Current (In)

- 200
- 225
- 250
- 280
- 315
- 350
- 400

Rated Insulation Voltage (Ui) 800 V

Rated Impulse Withstand Voltage (Uimp) 8 kV

Performance Metrics

Breaking Capacity (M Variant)

65 kA

Ultimate Short-Circuit (Icu)

42 kA

Service Short-Circuit (Ics)

Breaking Capacity (H Variant)

85 kA

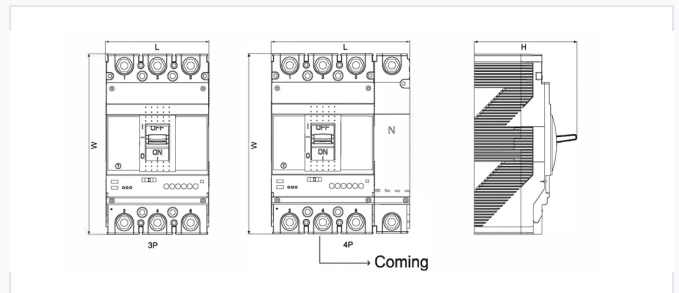
Ultimate Short-Circuit (Icu)

60 kA

Service Short-Circuit (Ics)

Technical Specifications

| | | | |
|---------------------------------|---------------------------------|--|--------------------------------|
| Frame Size | 400 | Rated impulse withstand voltage Uimp (kV) | 6 |
| Model | SQMSE-400 | Breaking capacity level | M H |
| Number of poles | 3,4 | Rated ultimate short-circuit breaking capacity Icu(kA) | 65 85 |
| Rated current(Ia) In | 200,225,250,280, 315,350,400 | Rated service short-circuit breaking capacity Ics(kA) | 42 60 |
| Thermo-adjustable setting(Ir) | 0.8/0.9/1.0In | Mechanical Endurance | 4000 |
| Standard | IEC60947-2 | Electrical Endurance | 1000 |
| Reference temperature | 40°C/55°C | Fixed magnetic trip | • |
| Rated insulation voltage Ui (V) | 800 | Dimensions 3P mm(L*W*H) | M:150*257*149 H:150*257*149 |



Endurance Cycles

| Type | Cycles |
|------------|--------|
| Mechanical | 4000 |
| Electrical | 1000 |

| | |
|--------------------------------|--------------------|
| Standards Compliance | IEC60947-2 |
| Number of Poles | 3P, 4P |
| Thermo-adjustable Setting (Ir) | 0.8 / 0.9 / 1.0 In |
| Reference Temperature | 40°C / 55°C |