

400A Molded Case Circuit Breaker (MCCB)

This molded case circuit breaker (MCCB) is designed for circuit protection in electrical distribution systems. It uses micro-electric transmission technology and can be remotely monitored via the Internet of Things.



ADDITIONAL IMAGES



Product Overview

Professional Circuit Protection

The iSGM3E-400 is a high-performance moulded case circuit breaker (MCCB) engineered for reliable electrical protection in power distribution systems. Designed for industrial and commercial applications, it supports digitalization and IoT-based management, allowing for remote monitoring and precise operational control. This breaker features robust construction, including advanced micro-electric transmission technology and optional electrical accessories to ensure safety and continuity of power supply.

Technical Specifications

Frame Size	400	Rated impulse withstand voltage (kV)	8	
Model	ISGM3E-400	Breaking capacity level	M	H
Number of poles	3.4	Rated ultimate short-circuit breaking capacity (I _{cu} (kA))	65	85
Rated current(A) In	200,225,250,280,315,350,400	Rated service short-circuit breaking capacity (I _{cs} (kA))	42	60
Standard	IEC60947-2	Mechanical Endurance	4000	
		Electrical Endurance	1000	
Reference temperature	40°C/55°C	Fixed magnetic trip	•	
Rated insulation voltage U _i (V)	800	Dimensions mm(L*W* H)	M: 150*257*149 H: 150*257*149	

Technical specifications and breaking capacity ratings for M and H configurations.

Electrical Ratings

400 A

Rated Current

800 V

Insulation Voltage

8 kV

Impulse Withstand

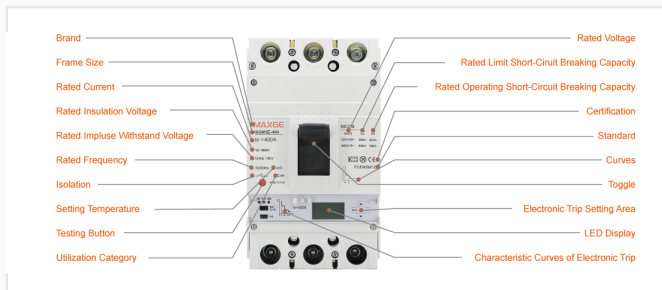
Breaking Capacity

Level	I _{cu} (kA)	I _{cs} (kA)
M	65	42
H	85	60

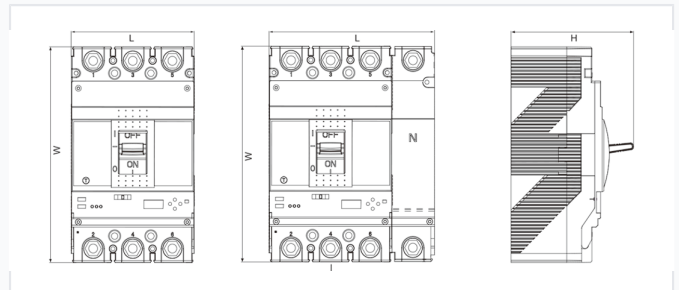
Operating Environment

- Reference Temperature: 40°C to 55°C
- Frequency: 50/60Hz

Design & Features



Overview of electronic trip settings, LED display, and manual operation controls.



Overall and mounting dimensions for installation planning.

Mechanical Endurance

4000 cycles

Mechanical Cycles

1000 cycles

Electrical Cycles

Key Features

IoT Enabled, Remote Monitoring, Push-to-Trip Mechanism, Electronic Trip, Adjustable Settings

Dimensions (3-Pole)

150mm (L) x 257mm (W) x 149mm (H)

Compliance

Standards

IEC 60947-2 • EN 60947-2