

100A Electrical Isolating Switch

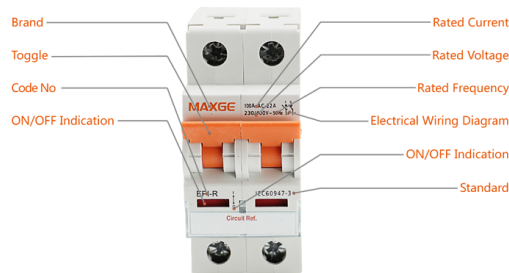
This isolating switch is suitable for AC 50Hz or 60Hz power distribution with a rated current of 100A and working voltage of 230V to 400V. It is mainly used as the main switch for terminal electrical appliances, controlling electric motors, small power appliances, and lighting.



ADDITIONAL IMAGES



Overview



Front panel view highlighting the ON/OFF indicator and wiring diagram.

Professional Electrical Isolation

This high-performance isolating switch is engineered for reliable power distribution in AC 50Hz or 60Hz electrical systems. Designed for safety and durability, it serves as an essential main switch for terminal electrical appliances, control circuits, and lighting installations. With robust construction, it ensures long-term operational integrity for demanding industrial and commercial environments.

Electrical Ratings

Utilization Category

AC-22A

Rated Current	100 A
Rated Voltage	230V / 400V
Rated Insulation Voltage (Ui)	690 V
Rated Impulse Withstand (Uimp)	6000 V

Performance & Durability

Short Circuit Metrics

12 Ie

Icw (t=0.1s)

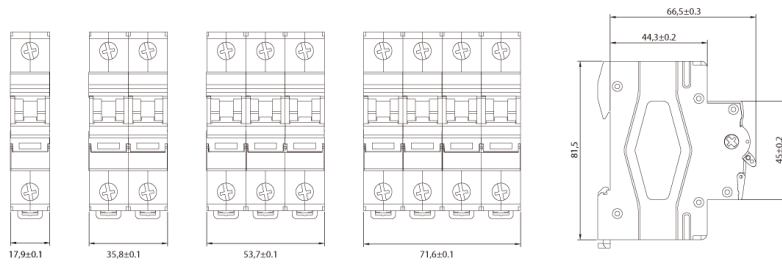
20 Ie

Icn (t=0.1s)

Mechanical Endurance 10000 cycles

Electrical Endurance 1500 cycles

Installation & Compatibility



Dimensional diagram showing width, height, and depth specifications for all pole configurations.

Available Configurations 1P, 2P, 3P, 4P

Max Terminal Capacity 50 mm²

Mounting 35mm DIN rail

Protection Degree IP20

Environmental Specs

Operating Temperature -5°C to +35°C

Storage Temperature -40°C to +75°C

Max Altitude 2000 m

Standards & Compliance

Compliance Standards

- EN/IEC 60947-3