

# 100A Electrical Isolating Switch

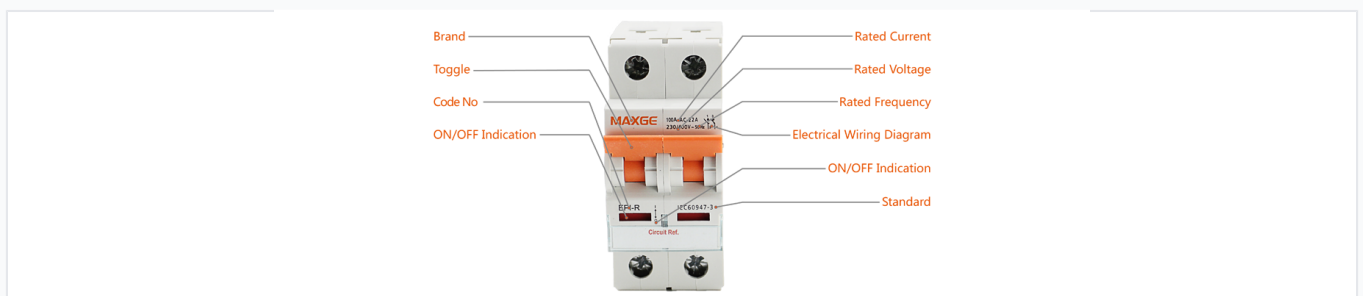
This isolating switch is suitable for AC 50Hz or 60Hz power distribution with a rated current of 100A and working voltage of 230V to 400V. It is mainly used as the main switch for terminal electrical appliances, controlling electric motors, small power appliances, and lighting.



## 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)

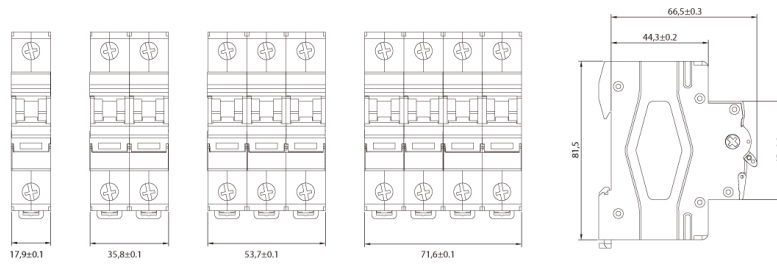
**20 Ie**

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 mm<sup>2</sup>

**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