

# DC Miniature Circuit Breaker 1-63A

This DC miniature circuit breaker is designed to protect against overload and short circuits in AC 50Hz/60Hz systems. It can also be used for non-frequent on-and-off switch operations under normal circumstances.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance DC Protection

The C65 DC miniature circuit breaker is engineered for robust protection against overloads and short circuits in demanding electrical environments. Compliant with international IEC/EN standards, it features a high breaking capacity of 10,000A and a versatile design suitable for both power distribution and non-frequent switching operations. Its compact form factor and advanced safety features make it an ideal choice for photovoltaic systems, telecommunications, and industrial automation.

## Key Performance Metrics

### Core Performance

**10000 A**

Breaking Capacity

**63 A**

Max Rated Current

**250 V**

Max DC Voltage

## Technical Specifications

**Kaval**  
Miniature Circuit Breaker

KY-C65



The C65 series provides reliable circuit protection with a clear ON/OFF status indicator.

### Protection Class

IP20

### Rated Current Range

1A to 63A

### Poles Available

1P, 2P, 3P, 4P

### Tripping Curve

C Curve

## Installation & Wiring

### Wiring Capabilities

- Bilateral busbar wiring capabilities
- Double wire disconnect
- Secure wiring screws

### Maximum Connecting Ability

25 mm<sup>2</sup>

### Wiring Torque

3 N\*m

## Compliance & Standards

### Regulatory Standards

IEC/EN60898-1, IEC60947-2, GB14048.2

## Application Scope

### Recommended Applications

- Photovoltaic (PV) Systems
- Telecommunications Rooms
- Data Centers
- Industrial Automation Control
- Medical Equipment Distribution
- Elevator Control Systems

## Design Features

### PRODUCT DESCRIPTION

#### MINIATURE CIRCUIT BREAKER



Detailed view of the wiring screws, manual operation handle, and clear parameter markings.

#### Safety Indicators

Yes