

DC Miniature Circuit Breaker

This DC miniature circuit breaker provides overload and short circuit protection in DC distribution systems. It is suitable for electrical equipment and various DC applications.



ADDITIONAL IMAGES



Overview

L7 Series DC Miniature Circuit Breaker

The L7 series DC MCB is specifically designed for solar systems and DC distribution equipment, providing essential overloading and short-circuit protection. Rated for currents up to 63A, it is widely utilized in electric power, traffic, mining, and communication fields. Its robust thermoplastic shell and ergonomic safety handle ensure reliable performance and ease of use in demanding B2B applications.

Key Performance Metrics

Technical Highlights

63 A

Max Rated Current

1000 V

Max Rated Voltage

10000 A

Breaking Capacity

Technical Specifications

Kaval

DC Mini Circuit Breaker

KY-DC-L7



The L7 series is available in various pole configurations to suit different DC distribution requirements.

Voltage Ratings

- 250V DC
- 500V DC
- 1000V DC

IP Rating

IP20

Model Series

TX7-63Z(H)DC

Trip Curve

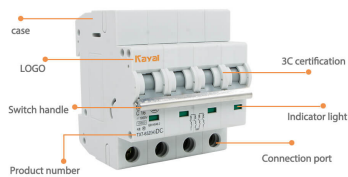
C Curve

Design & Features

PRODUCT DESCRIPTION

DC MINI CIRCUIT BREAKER

IP20



Detailed view of the DC MCB featuring the switch handle, indicator light, and secure connection ports.

Core Features

- U-tunnel terminal for solid line connection
- Optimized air flow design to reduce temperature between units
- Ergonomic safety handle
- Integrated status indicator light
- Self-extinguishing and recyclable materials

Enclosure Material

Thermoplastic resin shell, flame retardant and impact resistant

CHARACTERISTIC



High temperature resistant shell
Excellent resin shell, superb insulation, high-temperature resistance and flame-retardant performance. More resistant than other shells.



6 performance protections
6 major performance protections make your products safer, more reliable and more efficient.



Applied to products
When the current is too large, the short circuit will be automatically disconnected, making the product more reliable and safer to use.



Scope of application
Wide application, suitable for a variety of equipment and environments.

High-quality resin shell providing flame retardant performance and 6 major safety protections.

Safety Protections

- Over-current protection
- Short-circuit protection
- High temperature resistance
- Insulated shell protection

Standards Compliance

GB14048.2, 3C Certified