

# Thermal Overload Relay

This thermal overload relay is designed for use in circuits of 50HZ or 60HZ with rated insulation voltage 660V and rated current 0.1-96A. It protects against phase breaks when the electric motor is overloaded.



## ADDITIONAL IMAGES



## Product Overview

**CHARACTERISTIC**

- Professional design**  
Designed to be compatible with standard AC contactors, ensuring seamless integration and easy installation. The unit is designed for easy installation and removal.
- Energy efficiency**  
Energy efficient design, reducing energy consumption and lowering operating costs. The unit is designed to be compatible with standard AC contactors.
- Robust**  
Built to last, the unit is designed for long-term use in demanding industrial environments. The unit is designed to be compatible with standard AC contactors.
- Wide range of applications**  
Suitable for use in a wide range of industrial applications, from small-scale manufacturing to large-scale industrial production. The unit is designed to be compatible with standard AC contactors.

Robust design suitable for diverse industrial and control room applications.

## Professional Motor Protection

This advanced thermal overload relay is engineered for reliable protection of electric motors against overloads and phase failures in 50Hz or 60Hz circuits. Designed for seamless integration, it can be plugged directly into standard AC contactors to ensure stable circuit operation. The unit features precise current setting adjustments, temperature compensation, and auxiliary contacts for remote indication and control in demanding industrial environments.

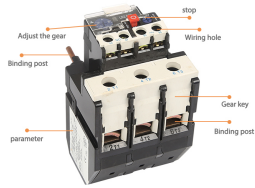
## Electrical Ratings

Rated Insulation Voltage	660 V
Auxiliary Circuit Rated Voltage	500 V
Frequency	50Hz, 60Hz

## Technical Specifications

### PRODUCT DESCRIPTION

#### THERMAL RELAY SERIES



Detailed view of adjustment gear, binding posts, and auxiliary terminals.



Thermal relay series

KY-LR2



Professional grade relay designed for motor protection and circuit safety.

### Key Features

- Phase break protection
- Temperature compensation
- Manual and automatic reset options
- Integrated test function
- Adjustable setting current

Series Type

LR2-D13

Auxiliary Contacts

1 NO + 1 NC

## Performance Metrics

### Rated Current Capacity

**0.1 A**

Minimum Current

**96 A**

Maximum Current