

# Thermal Overload Relay JRS2

The JRS2 thermal overload relay offers reliable protection against overload and phase failure. It features adjustable current settings and reset options for manual or automatic recovery.



## Overview

Technical overview of the JRS2 series thermal overload relay, illustrating motion characteristics and application standards.

### JRS2 Thermal Overload Relay

The JRS2 series thermal overload relay provides reliable protection against overload and phase failure in electrical circuits. Designed for AC 50/60Hz systems, it supports voltages up to 660V and currents up to 630A, making it ideal for general AC motors during long or discontinuous operation. This versatile component features adjustable current settings, temperature compensation, and trip indication, with support for both automatic and manual reset.

## Technical Specifications

Rated Voltage	660 V
Rated Current	630 A
Frequency	50/60 Hz
Standards	IEC60947-4-1

## Features

### Key Features

- Phase-losing protection
- Temperature compensation
- Trip indication
- Adjustable current settings
- Manual and automatic reset options
- NC and NO auxiliary contacts

## Motion Characteristics

### Three-Phase Balance Motion Time

Test No.	Times of Setting Current	Motion Time	Start Condition
1	1.05	>2h	Cold state
2	1.2	<2h	Heat state
3	1.5	<4min	Heat state
4	7.2	2s < Tp d 10s (d63A)	Cold state