

# 12 Amp 3-Pole AC Contactor

This AC contactor utilizes electromagnetic force generated by a static iron core to attract a moving iron core, which then drives three movable contact pieces. When the coil is de-energized, the main contact switches off, cutting off the power supply, providing a long distance open and control function.



## Product Overview

### High-Performance 3-Pole AC Contactor

This 12 Amp 3-pole AC contactor is designed for high-current load applications, offering a compact size and easy connection for efficient installation. It features a sealed structure for improved safety and greater environmental immunity, ensuring a long electrical life even in demanding conditions. Engineered to control and reduce arcs produced during heavy motor current interruption, it provides reliable switching for motor control and lighting circuits.

## Key Performance Metrics

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**12 A**

Rated Current

**3**

Number of Poles

**100 kW**

Power Handling

## Electrical Specifications

### Contact Configuration

- Normally Open (NO) contacts
- Low current contacts
- 2NC (Normally Closed)
- 14NO (Normally Open)

Rated Current	12 A
Pole Configuration	3-Pole
Available Coil Voltages	24V, 110V, 220V

## Design & Safety

### Design Features

Compact Size • Sealed Structure • Environmental Immunity • Arc Reduction

## Applications

### Typical Applications

- Motor control
- Lighting circuits
- High-current load switching
- Heavy motor current interruption

## Terminal Markings

### Terminal Identification

Terminal Label	Description
3L2, 5L3	Line Inputs
2 T1, 4 T2, 6 T3	Load Terminals
14NO	Normally Open Auxiliary
22NC	Normally Closed Auxiliary
GND	Ground