

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