

AC Contactor

AC contactors are used to switch electrical circuits on and off. They are commonly used for remotely controlling electrical motors, lighting, and heating systems.



ADDITIONAL IMAGES



Product Overview

High-Performance 3TF AC Contactor

The 3TF series AC contactor is a versatile solution designed for frequency 50/60Hz and rated insulation voltages up to 1000V. It is primarily used for long-distance circuit making and breaking, as well as frequent starting and stopping of magnetic motor starters when paired with a thermal relay. Conforming to IEC60947-4-1 standards, this contactor ensures reliable performance in demanding industrial environments.

Key Performance Metrics

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1000 V

Max Insulation Voltage

475 A

Max Operating Current

10 X10⁶

Mechanical Endurance

Technical Specifications

Standards Compliance

IEC60947-4-1 • VDE 0660 • GB 14048 • JB 2455

Rated Insulation Voltage (Ui)

660 V

Frequency

50Hz, 60Hz

Model Comparison

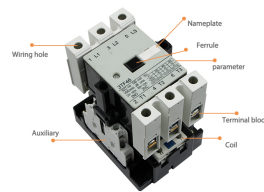
Model Performance Data

Type	Thermal Current (Ith)	AC-3 Current (Ie)	Mech. Endurance
3TF-9/12	20A	9/12A	10x10 ⁶
3TF-16/22	30A	16/22A	10x10 ⁶
3TF-32	45A	32A	10x10 ⁶
3TF-45/63	80A	45/63A	8x10 ⁶
3TF-75/85	100A	75/85A	8x10 ⁶

Design Features

PRODUCT DESCRIPTION

AC CONTACTOR



Detailed view of the contactor showing terminals (L1-L3, T1-T3), auxiliary contacts, and coil configuration.

Key Advantages

- Compact and modular design
- Overload protection capabilities
- High-quality material construction
- Secure terminal block with double wire disconnect
- Suitable for frequent switching operations

Auxiliary Contacts

2NO + 2NC (2 Normally Open + 2 Normally Closed)

Applications

CHARACTERISTIC



The 3TF series is ideal for distribution boxes, industrial control rooms, and medical facilities.

Typical Applications

- Motor control and starting
- Distribution boxes
- Telecommunications rooms
- Elevator control systems
- Hospital medical equipment
- Industrial automation centers