AC Contactor for Electrical Circuits

AC contactors are electromechanical switching devices used to control electrical circuits, typically for motors, lighting, and heating. They are designed for reliable and safe operation, featuring robust construction and durable materials.

ADDITIONAL IMAGES

Overview

Professional AC Contactor

This high-performance AC contactor is designed for reliable motor control and resistive load switching in industrial and commercial applications. Featuring a 3-pole configuration with a robust 3 NO power contact composition, it ensures safe and efficient operation across various electrical systems. Built to rigorous standards, this device offers exceptional mechanical and electrical durability, making it an ideal choice for demanding automation and power distribution environments.

Electrical Ratings

Rated Operational Voltage	<= 690 V AC 50/60 Hz
Rated Insulation Voltage	690 V (IEC 60947-4-1)
Rated Impulse Withstand Voltage	6 kV

Performance Metrics

Operating Time

22 ms	19 ms
Closing (max)	Opening (max)

Mechanical Durability	10000000 cycles
Electrical Durability (AC-3)	1400000 cycles

Control & Configuration

Control Circuit Voltage	380 V AC 50/60 Hz
Auxiliary Contact Composition	1 NO
Mounting Support	DIN rail, Plate

Technical Specifications

Motor Power Ratings

Voltage (V)	Power (kW)
220-230	1.1-25
380-400	4-45
415	4-45
440	4-45
500	5.5-55
660-690	5.5-45

Tightening Torque

1.2 N.m
Power Circuit

1.5 N.m
Control Circuit