

3-Pole AC Definite Purpose Contactor for HVAC

This 3-pole AC contactor is designed for definite purpose applications such as HVAC systems. It is suitable for switching motors and compressors in air conditioning, refrigeration, and heating equipment.

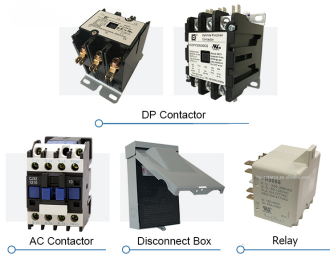


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Product Overview

MORE PRODUCTS



The magnetic mechanism ensures efficient circuit control for definite purpose applications.

High-Performance Definite Purpose Contactor

The SA series Definite Purpose Contactors are engineered for demanding commercial applications including HVAC, refrigeration, resistive heating, and lighting systems. Designed to meet or exceed UL/CSA standards, these 3-pole magnetic contactors offer a flexible and low-cost solution without compromising on high-performance electrical requirements. They are ideal for starting and stopping motors or compressors in professional-grade environmental control equipment.

Electrical Ratings

 Hvacstar
Contactor



A 45A rated variant showing robust terminal construction and certification marks.

Rated Current

40 A

Full Load Amps (FLA)

50 A

Resistive Amps

Voltage Specifications

| Application | Voltage (VAC) | Rating |
|-----------------|---------------|-------------------|
| Maximum Voltage | 600V / 630V | Operational Limit |
| Coil Voltage | 24V AC | 50/60 Hz |
| AC-1 Rating | 277V | 25 Amps |
| AC-3 Rating | 277V | 20 Amps |

Performance

Horsepower Ratings (3-Phase)

| Voltage (VAC) | Power (HP) | LRA (Amps) |
|---------------|------------|------------|
| 120 | 3 | — |
| 240 | 7.5 | 240 |
| 480 | 20 | 200 |
| 600 | 25 | 160 |

Technical Details

 Hvacstar
Contactor



Front view of the 3-pole magnetic contactor showing L1, L2, L3 input terminals.

Wiring Torque (CU 75°C)

- Screws: 22 in-lbs
- Lugs: 40 in-lbs

Number of Poles

3

Applications

 Hvacstar
Contactor



Designed for reliable switching in air conditioning and refrigeration units.

Suitable Applications

Air Conditioning, Refrigeration, Resistive Heating, Lighting, Hermetic Compressors

Compliance & Quality

Standards Compliance

UL • CSA • CE • IEC 60947-4-1 • Intertek

Service Information

Order & Service Information

- Free samples available (customer pays shipping)
- OEM and ODM services available
- 100% self-inspection before packing
- Delivery time: 15-20 days after deposit
- Payment: 30% deposit, balance against B/L copy