

Single Pole AC Contactor 30 FLA for HVAC Systems

This single pole AC contactor is designed for HVAC applications. It is compatible with various coil voltages and suitable for use in air conditioning and refrigeration units.



ADDITIONAL IMAGES



Product Overview



Front view of the single-pole AC contactor showing terminal configuration and certification markings.

High-Performance HVAC AC Contactor

This single-pole AC contactor is engineered for reliable motor and compressor control in residential and commercial HVAC and refrigeration systems. It serves as a direct, safe replacement for discontinued Furnas-type models, offering seamless compatibility with a wide range of major air conditioning brands. Designed for 30 FLA applications, it provides a robust solution for protecting electrical equipment in demanding environments.

Compatible Equipment Brands

Amana, Carrier, Coleman, Payne, Bryant, Day & Night, Intercity Products, Lennox, Trane, Rheem, Ruud, York, Goodman

Electrical Ratings



The series includes high-capacity variants for different HVAC load requirements.

Core Electrical Metrics

30 A

Full Load Amps (FLA)

1

Number of Poles

40 A

Resistive Amps

Available Coil Voltages

- 24V
- 120V
- 208/240V
- 277V
- 380V

30 FLA Load Ratings

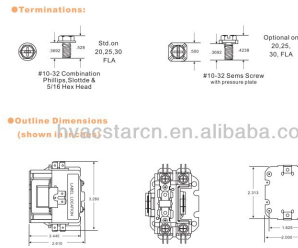
Line Voltage	Locked Rotor Amps (LRA)	Max Horsepower (HP)
120V	180	1
240V	150	2
480V	120	0

Technical Specifications

Coil Technical Data (50/60Hz)

Nominal Voltage	Max Pickup (V)	Drop-Out Range (V)	DC Resistance (Ω)
24V	18	6-15	17.5
120V	88	20-70	450
208/240V	177	40-140	1800
277V	221	50-165	2252

Installation & Construction



Detailed outline dimensions and terminal spacing for installation planning.

Terminal Specifications

- Line and Load Terminals: #10-32 Screw
- Wire Size: 16-8 AWG (Stranding must be split for #8)
- Tightening Torque: 25 in-lbs
- Coil Termination: Dual .250 QC
- Quick Connects: Quad configuration

Physical Characteristics

- Insulation System: 130°C Class B
- Optional ARC Cover available
- Mounting: 4-hole pattern (0.215" diameter)
- Approximate Unit Weight: 0.5 lb / 0.23 kg

Ambient Operating Temperature

-40°C to 65°C (-40°F to 150°F)

Compliance & Safety

Certifications

CUL Listed • CE • CSA