

# 30A 2-Phase HVAC Definite Purpose Contactor

This 2-phase contactor is designed for definite purpose HVAC applications. It offers convenient wire connection methods including quick connect terminals, screws, or box lugs.



## ADDITIONAL IMAGES



## Product Overview



Compact 2-pole magnetic contactor designed for HVAC applications.

### Professional HVAC Contactor

This 2-phase definite purpose contactor is engineered for reliable performance in HVAC and refrigeration systems. It features a compact, durable design that supports flexible installation with multiple wire connection methods, including quick connect terminals, screws, or box lugs. Designed to meet rigorous industry standards, this contactor provides efficient switching for compressors, fan motors, and other electrical loads.

## Electrical Specifications

COIL TECHNICAL DATA 50/60HZ					
Nominal Coil Voltage	24	120	208/240	277	480
Maximum Pickup Volts	18	88	177	220	384
Drop-Out Volts Range	6-15	20-70	40-140	65-185	150-270
Nominal Inrush VA @ 60Hz	60	60	60	60	60
Nominal Sealed VA @ 50Hz	7.5	7.5	7.5	7.5	7.5
Nominal Sealed VA @ 60Hz	6.0	6.0	6.0	6.0	6.0
Nominal DC Resistance-Ohms	6.6	165	660	880	1320
Maximum Coil Voltage	30	132	264	300	528

Technical data for coil voltage and resistance specifications.

### Available Coil Voltages

- 24V
- 120V
- 208/240V
- 277V
- 480V

Rated Current	30 A
Phase Configuration	2
Insulation Class	Class B (130°C)

## Mechanical & Installation

OTHER SPECIFICATIONS	20-30 FLA
Line and Load Terminals	#10-32 Screw*
Wire Size AWG Min-Max	16-8**
Tightening Torque(Recommended)	25 in. lbs
Quick Connects:Power Terminals	Dual .250 QC
Coil Terminals	Dual .250 QC(2)***
ARC Cover	Optional
Insulating System	130°C Class B
*Strand	130°C Class B
***Permissible Ambient Temperature: -40°C/65°C -40°F/150°F	

### Terminations:



Detailed terminal connection and environmental operating specifications.

### Terminal Specifications

Feature	Specification
Line/Load Terminals	#10-32 Screws
Wire Size Range	16-8 AWG
Recommended Torque	25 in-lbs
Power Terminals	Dual .250 QC

Wire Connection Options	Quick Connect, Screws, Box Lugs
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## Environmental & Compliance

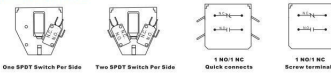
### Certifications

UL • cUL • CE

Ambient Temperature Range	-40°C to 65°C (-40°F to 150°F)
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## Accessories

### Auxiliary Switches



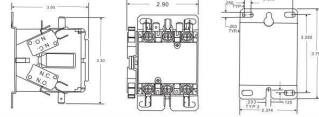
Quick connect terminals - 250 Wide - screw terminals #6-32

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### Outline Dimensions (shown in inches)



Available auxiliary switch configurations for enhanced control.

### Optional Features

- Auxiliary Switches
- Arc Cover