

2-Pole HVAC Definite Purpose AC Contactor

This 2-pole contactor is designed for HVAC applications requiring reliable switching. It is suitable for air conditioning, refrigeration, resistive heating, and lighting systems.



ADDITIONAL IMAGES



Overview



High-Performance Definite Purpose Contactor

The SA series Definite Purpose Contactors are engineered for commercial applications including air conditioning, refrigeration, resistive heating, and lighting. Designed to meet or exceed electrical and mechanical requirements defined by USA and Canada standards, these 2-pole devices offer a low-cost yet high-performance solution for demanding HVAC&R environments. They feature flexible mounting options and robust construction to ensure reliable switching and a long service life.

Key Performance Metrics

Key Ratings

2 P

Poles

30 A

Rated Current (FLA)

40 A

Resistive Amps

600 V

Max Line Voltage

Electrical Ratings

Performance by Load

Full Load Amps (FLA)	Line Voltage	Locked Rotor Amps (LRA)	Resistive Amps
20	240/277V	120	30
25	480V	125	35
30	600V	120	40

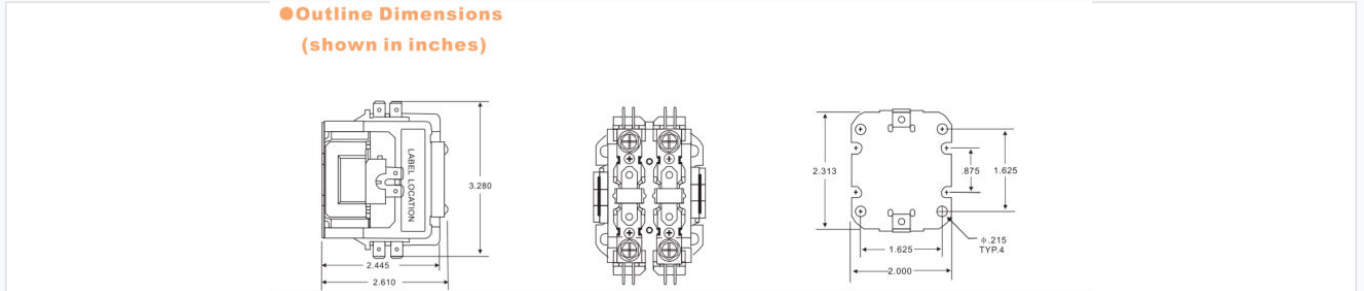
Coil Specifications

Coil Technical Data

Nominal Voltage	Max Pickup (V)	Drop-Out Range (V)	Inrush VA @ 60Hz
24V	18	6-15	28
120V	88	20-70	28
208/240V	177	40-140	32
277V	221	50-165	28

Physical & Environmental

● Outline Dimensions (shown in inches)



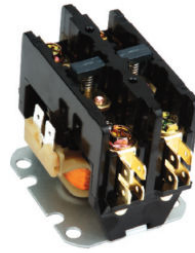
Insulation System	130°C Class B
Ambient Temperature Range	-40°C to 65°C (-40°F to 150°F)
Approximate Unit Weight	0.27 kg

Terminations & Installation

Line and Load Terminals	#10-32 Combination Phillips/Slotted/Hex Head
Wire Size Range	16-8 AWG
Recommended Tightening Torque	25 in. lbs
Coil Termination	Dual .250 Quick Connect

Compliance & Quality

- Silver Cadmium Oxide Contacts
- Silver Tin Oxide Indium Oxide Cont



Contact Materials

- Silver Cadmium Oxide
- Silver Tin Oxide Indium Oxide

Quality Control

100% Self-Inspection • Pre-Packing Tested

Certifications

CUL, UL, CE, IEC 60947-4-1