

HVAC Definite Purpose Contactor 1-Pole 20A

This is a CUL certified HVAC definite purpose magnetic contactor with a 1-pole configuration and a 20A current rating. It is designed for switching AC circuits and is commonly used in HVAC systems for controlling compressors and fans.



ADDITIONAL IMAGES



Product Overview

Reliable HVAC Definite Purpose Contactor

This 1-Pole 20A Definite Purpose Contactor is engineered for demanding HVAC and refrigeration applications, including air conditioning and heating systems. It features a robust design capable of handling 20 FLA and 30 Resistive Amps, ensuring efficient power switching for compressors and fans. Certified to international safety standards, it offers a versatile solution for industrial control equipment and motor controllers.

Electrical Ratings

Full Load Amps (FLA)

20 A

Full Load Amps

Locked Rotor Amps (LRA)

Voltage (V)	LRA (A)
240V	120
480V	100
600V	80

Resistive Amps	30 A
Coil Voltage	120 VAC
Frequency	50/60 Hz

Technical Configuration

Number of Poles	1
Connection Types	Screw, Box, Pressure Plate
Mounting Type	NEMA Mounting Base

Compliance & Safety

Certifications cUL Certified • UL 508 • CSA C22.2 • CE • Low Voltage Directive 2006/95/EC	
Short Circuit Current Rating	5,000A @ 277V/480V/600V
Surrounding Air Temperature	40 °C

Applications

Primary HVAC Applications

- Air Conditioning
- Refrigeration
- Heating Systems

Other Industrial Uses

- Food Service Equipment
- Vending Machines
- Compressors & Pumps
- Cranes & Hoists
- Welding Machines
- Power Supplies
- Lighting Control

Service Life

Life Rating Options	100,000 Cycles, 250,000 Cycles
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