

# 3-Phase AC Definite Purpose Contactor 20A

SA series Definite Purpose Contactors are suitable for commercial applications including air conditioners, refrigeration, resistive heating, lighting and many other installations where a low cost, high performance contactor is needed. These devices offer flexibility and are designed to meet or exceed electrical and mechanical requirements as defined by Definite Purpose Contactors standard of USA/Canada.



## ADDITIONAL IMAGES



## Overview

### High-Performance HVAC Contactor

This 3-phase definite purpose contactor is engineered for reliable switching in HVAC and refrigeration applications. Designed to handle compressors, fans, and motor loads, it features a robust construction for efficient system operation. With a 20A rating and flexible coil voltage compatibility, this unit ensures consistent performance in demanding electrical environments.

## Electrical Specifications

### Full Load Amps (FLA)

<b>30 A</b> 120VAC	<b>30 A</b> 240VAC
-----------------------	-----------------------

### Locked Rotor Amps (LRA)

<b>180 A</b> 1Ph	<b>150 A</b> Hermetic Comp. (240V)
---------------------	---------------------------------------

Rated Current	20 A
Coil Voltage	208/240VAC 50/60Hz
Resistive Load per Pole	40 A

## Mechanical & Installation

### Torque Requirements

Connection Point	Torque
Power Terminal Screw	20 lb. in.
Lug Set Screw	40 lb. in.

Wire Compatibility	Copper 75°C wire
--------------------	------------------

## Compliance & Standards

### Safety Notes

- Above 240V applications require all lines to break
- 100% self-inspection and testing before packing

Certifications	UL Listed, E246810
----------------	--------------------