

# Definite Purpose AC Contactor HCD-PY-312040

This definite purpose AC contactor is CUL certified and suitable for various electrical systems. It is designed for HVAC and refrigeration applications requiring reliable switching and control.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Definite Purpose Contactor

This CUL-certified AC contactor is engineered specifically for demanding HVAC&R applications, providing reliable switching for motors and electrical loads. Built for longevity, it features premium silver contacts and a durable molded housing designed to withstand up to 1,000,000 mechanical cycles. With flexible mounting and secure terminal options, it serves as a robust solution for professional electrical control systems.

## Electrical Ratings

### Key Electrical Ratings

**50 A**

Full Load Amps (Inductive)

**65 A**

Resistive Amps

**240 V**

Coil Voltage

Number of Poles

3P

Frequency

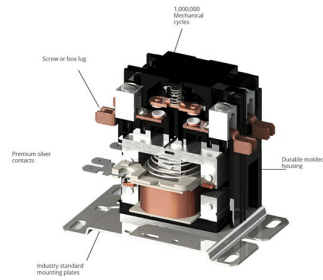
50/60 Hz

## Performance Data

### Locked Rotor Amps (LRA)

Voltage (V)	LRA (A)
240V	300
480V	250
600V	200

## Construction & Durability



Engineered for durability with silver contacts and a 1,000,000 cycle mechanical life rating.

<b>Mechanical Endurance</b>	1000000 cycles
<b>Contact Material</b>	Premium silver contacts
<b>Housing</b>	Durable molded housing

## Installation & Wiring

### Torque Specifications

- Terminal screw: 20 lb-in
- Lug set screw: 40 lb-in

<b>Terminal Options</b>	Screw Terminals, Box Lug Terminals
<b>Wire Compatibility</b>	Cu 75°C wire
<b>Mounting</b>	Industry standard mounting plates

## Compliance

### Certifications

CUL Certified • CE • ISO 9001