

SKU: CN1P2440

# 1 Pole Contactor w/Shunt 24V 40A

**Features:**

- Series: CN Series Definite Purpose Contactors
- Compact HVAC/R definite-purpose design
- Class F high-temperature insulation
- Quick-connect coil terminals for easy wiring
- Suitable for compressors, fans, and resistive loads

**Materials:**

*Thermal Ratings*

- Insulation Class: Class F (155°C / 311°F)
- Ambient Operating Temperature: -40°C to 65°C (-40°F to 150°F)

*Terminals & Connection:*

- Line & Load Terminals: Box Lug
- Wire Size Compatibility: AWG 14–4 Cu
- Terminal Tightening Torque: 40 in-lbs

*Coil & Power Connections*

- Coil Terminals: Dual .250" QC (2)
- Power Terminals: Quad .250" QC

*Additional Features*

- Arc Cover: Standard on 40A Model

**Certifications/Listings/Approvals:**

*Standards Met:*

- UL508
- ARI 780/790

*Certificates*

- UL
- CSA
- CCC-2013010304614127
- Semko/CE File No. EN60947-4-1:2010

*Compliance: RoHS*

*Class 3211 04/ 3211 84; Class NLDX2/ NLDX8*



## Electrical Ratings:

### Contactor Technical Data

Model	Full Load Amps	Locked Rotor Amps			Restrictive Amp Rating	Max Horsepower HP		Coil Voltage	Approx Unit Weight
						Single Phase			
		240-277v	480v	600v		120v	240v		
CN1P2440	40A	240A	200A	160A	50A	2HP	3HP	24v	0.5 lb

### Coil Technical Data

Nominal Coil Voltage	Min Pickup Volts	Drop-Out Volts Range	Nominal Inrush VA @ 50Hz	Nominal Inrush VA @ 60Hz	Nominal Sealed VA @ 50Hz	Nominal Sealed VA @ 60Hz	Nominal DC Resistance-Ohms	Max Coil Voltage
24v	18v	6-15v	31A	28A	6A	5A	18Ω	26.4v

## Product Offerings Designation & Dimensions:

