

# CUT SHEET 4 POLE (2N.O. / 2N.C.) 110/120 VAC COIL

## LNC1-63 Contactor



sales@contactordepot.com

<https://contactordepot.com/>

### General Information

---

**Model:** 4 Pole 2 Normally Open (NO), 2 Normally Closed (NC) IEC 400V Contactor

**Applications:** Lighting, motor control, and general switching. Suitable for AC-1 (resistance furnaces, incandescent lamps, electric heaters) and AC-3 (air conditioners, compressors, fans) loads. Designed for use at 24V, 120V, 220V, and 277V, with a quiet, energy-efficient, and no-humming coil.

**Standards Compliance:** Fully compliant with CSA C22.2 No. 14, EN 60947-4-1, EN 60947-5-1, IEC 947-2, IEC 60947-4-1, IEC 60947-5-1.

**Mounting Type:** Compatible with DIN rail 35mm for easy and secure installation.

### Technical Specifications

---

**Contacts:** 2 Normally Open (NO), 2 Normally Closed (NC)

**Rated Voltage:** 400V AC

**Current Capacity:**

Resistive Load: 63A

Inductive Load: 40A

DC Load: 30A (at 24VDC)

**Coil Voltage:** 110/120VAC, 50/60Hz

**Coil Load:**

Inrush: 52VA

Sealed: 10VA

**IEC AC Rating:**

AC-1: 10 kW

AC-3: 8 kW

**Electric Strength:** 4 kV

**Horsepower Rating:**

1 HP @ 1 Phase - 120V

2 HP @ 1 Phase - 230V

5 HP @ 3 Phase - 208V

5 HP @ 3 Phase - 230V

10 HP @ 3 Phase - 480V

### Environmental Specifications

---

**Operating Temperature Range:** -30°C to +70°C (-22°F to +158°F)

**Compliance:** CE approved  
**Standards Compliance:** IEC/EN standards

### Physical Specifications

---

**Dimensions:** 83 × 53 × 68 mm / 3.3" × 2.1" × 2.6" (Width × Height × Depth)

**Weight:** 0.88 lb (0.42 kg)

**Mounting:** Base or DIN rail 35mm

**Wiring Capacity:**

Solid Conductor: 25 mm<sup>2</sup>, Max Torque: 0.6 Nm

Stranded Conductor: 16 mm<sup>2</sup>, Max Torque: 0.6 Nm

### Features

---

- High Capacity Performance: Rated for 63A resistive and 40A inductive loads, this contactor is designed for lighting, motor control, and HVAC applications.
- Wide Voltage Compatibility: Suitable for 120V, 220V, 277V, and up to 500V systems, making it ideal for both residential and industrial applications.
- Powerful Switching Capability: Delivers up to 10 kW of switching capacity, ideal for lighting systems and high-demand motor circuits.
- Built-in Power Indicator: Includes a visual coil status indicator for quick verification of operational state.
- DIN Rail Mounting: Easily installs on standard 35mm DIN rails, simplifying installation and replacement in control panels.
- Heavy-Duty Terminals: Equipped with robust power lug terminals that accept wire sizes up to AWG 2/0, ensuring secure, high-current connections.
- Certified Compliance: Fully compliant with IEC/EN standards for performance and safety in global applications.

### Specifications and Wiring Diagram

---



