

CUT SHEET 4 POLE N.O. 220/240 VAC COIL

LNC1-63 Contactor



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General Information

Model: 4 Pole Normally Open (NO) IEC 400V Contactor

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

Standards Compliance: Fully compliant with IEC/EN standards

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

Technical Specifications

Contacts: Normally Open (N.O.)

Rated Voltage: 220/240V AC, 50/60Hz

Current Capacity:

Resistive Load: 60A

Inductive Load: 40A

DC Load: 30A (at 24VDC)

Coil Voltage: 220/240V AC, 50/60Hz

Coil Load:

Inrush: 52VA

Sealed: 10VA

IEC AC Rating:

AC-1: 60A

AC-3: 40A

Environmental Specifications

Standards Compliance: IEC/EN 60947-4

Compliance: CE approved

Physical Specifications

Dimensions: 54 × 85 × 67 mm / 2.2" × 3.3" × 2.5" (Width × Height × Depth)

Mounting: Base or DIN rail 35mm

Wiring Capacity:

Solid Conductor: 25 mm², Max Torque: 0.6 Nm
Stranded Conductor: 16 mm², Max Torque: 0.6 Nm

Features

- Reliable Switching Power: Rated for 60A resistive and 40A inductive loads, plus 30A DC load at 24VDC, this 4-pole contactor offers stable, high-capacity performance for motor and lighting control.
- Multi-Application Design: Suitable for a wide variety of uses including AC-1 and AC-3 categories—ideal for lighting, heating, air conditioning, and general-purpose switching systems.
- Silent Coil Operation: Designed with an energy-saving coil that operates quietly and without humming, supporting voltages from 24V up to 277V.
- DIN Rail Compatible: Installs quickly and securely on standard 35mm DIN rails, streamlining panel setup.
- Built for Efficiency: Features low inrush (52VA) and sealed (10VA) coil power, reducing energy consumption while maintaining reliable operation.
- IEC Compliance: Fully compliant with international IEC/EN 60947-4 standards, ensuring trusted quality and compatibility.

Specifications and Wiring Diagram



