

CUT SHEET 4 POLE N.O. 110/120 VAC COIL

LNC1-100 Contactor



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General Information

Model: 100 amp 4 Pole Normally Open (NO) IEC 500V Contactor

Applications: Lighting, motor control, and general switching. Designed for use with 120/220/277V up to 500V systems. Suitable for AC-1 and AC-3 categories, including ballast lighting, motors, and industrial switching.

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: 120/220/277V – Rated for 500V systems

Current Capacity:

Resistive Load: 100A

Inductive Load: 60A

Ballast Load: 50A

DC Switching: 24VDC

Rated Power:

10 kW @ 220VAC

15 kW @ 277VAC

IEC AC Rating:

AC-1: 100A

AC-3: 40A

Coil Voltage: 120VAC

Power Indicator: Included

Terminal Capacity: Power lug terminals – up to AWG 2/0

Environmental Specifications

Compliance: CE approved

Standards Compliance: IEC/EN standards

Physical Specifications

Dimensions: 108 × 85 × 68 mm / 4.25" × 3.35" × 2.68" (Width × Height × Depth)

Mounting: Base or DIN rail 35mm

Wiring Capacity:

Power Lug Terminal Capacity: AWG 2/0

Features

- High Capacity Performance: Rated for 100A resistive and 60A inductive loads, plus 50A ballast and 24VDC switching, this 4-pole NO contactor handles demanding lighting and motor control reliably.
- Wide Voltage Compatibility: Designed for use at 120/220/277V and rated for 500V systems, suitable for residential, commercial, and industrial control applications.
- Powerful Switching Capabilities: Delivers up to 15 kW switching capacity, making it ideal for both lighting systems and high-demand motor circuits.
- Built-in Power Indicator: Includes a visual coil status indicator for instant verification of operational state.
- DIN Rail Mounting: Easy to install on standard 35mm DIN rails, simplifying setup and replacement.
- Heavy-Duty Terminals: Equipped with robust power lugs that accept wire sizes up to AWG 2/0, ensuring secure and high-current connections.
- Trusted Compliance: Fully compliant with international IEC/EN standards for safety and performance.

Specifications and Wiring Diagram



