

CUT SHEET 4 POLE N.O. 220/240 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. Ideal for use in HVAC, industrial, and residential systems. Suitable for AC-1 and AC-3 loads including motors, compressors, and lighting systems.

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 Insulation Voltage (Ui): 500V

Rated Operational Voltage (Ue): 400V AC

Coil Voltage (Uc/Us): 240V AC

Frequency: 50/60Hz

Load Capacity: 100A (AC-7a) for resistive loads

Number of Poles: 4 (Normally Open - NO)

Compatible Loads: 15A, 18A, 20A, 30A, 32A, 40A, 50A, 60A, 63A, 80A, 90A, and 100A

Applications: Lighting, switching, and motor control

Enclosure Type: Open

Power Indicator: Yes

Environmental Specifications

Compliance: CE approved

Standards Compliance: IEC/EN standards

Physical Specifications

Dimensions: 110 × 81 × 68 mm / 4.3" × 3.1" × 2.6" (Width × Height × Depth)

Mounting: Base or DIN rail 35mm

Wiring Capacity:

Up to AWG 2/0

Terminal Capacity for Lug Terminals: Accepts wire sizes from 14–4 AWG (box lugs) or 16–8 AWG (screw terminals)

Maximum Torque: 0.6 Nm

Features

- High Capacity Performance: Rated for 100A resistive loads and 80A inductive loads, this contactor is designed to handle heavy-duty lighting, motor control, and HVAC applications with ease.
- Wide Voltage Compatibility: Suitable for 240V AC coil and rated for up to 500V systems, making it ideal for both residential and industrial applications.
- Powerful Switching Capability: Supports up to 100A for resistive loads and features a versatile range of compatible loads from 15A to 100A.
- Built-in Power Indicator: Equipped with a visual status light for quick verification of operational state, ensuring ease of maintenance.
- DIN Rail Mounting: Easily installs on standard 35mm DIN rails, simplifying panel assembly and replacement.
- Certified Compliance: Fully compliant with IEC/EN standards for performance and safety in global applications.

Specifications and Wiring Diagram

