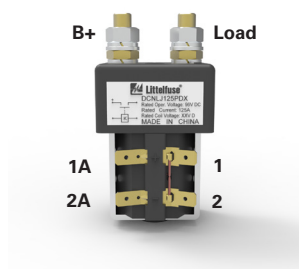


# Wiring Instructions

## DCNLJ125 and DCNLJ250



### Description

The DCNLJ contactor series uses a single-pole, single-throw (SPST) normally open contact arrangement. When voltage is applied to the coil, the circuit is closed or made, allowing current to flow to the load. When voltage is removed from the coil, the contacts return to the open position, which breaks the circuit and stops the flow of current to the load.

### 12, 24, 48, and 60V Coils - Single SPST switch with the option of bidirectional TVS diode

This option uses an On-Off switch. This configuration also allows for the option of adding a bidirectional TVS diode for coil suppression. The best ways to attach the diodes to the contactor are to put female .250 spade terminals on the diode or to solder the diode directly to terminals A1 and A2.

#### Switches:

#### 12 & 24V

**Cole Hersee:** 58027-01, 58311-01, 5520, 55014

**Carling Technologies:** V1DAS0B-B2B11-000, 6FA5378/TABS, 6FA54-78

**48 & 60V:** PT102-S-Q-Q, PT102-S-S-Q

#### Bidirectional TVS diodes:

**12V:** 1.5KE30CA

**24V:** 1.5KE62CA

**48V:** 1.5KE120CA

**60V:** 1.5KE160CA

