

LL050 General-Purpose Relay



LL050 General-Purpose Relay: provides liquid level switch overload protection for all of our single-point switches

LL050 Series

LL050 General-Purpose Relay

We offer a full range of relays for custom applications. Our engineers are available to review customers' specifications and suggest the proper relays for their applications.

This DPDT relay device provides electrical isolation for all our single-point switches. Relay coils are available for 110 VAC, 220 VAC or 12 VDC applications. The isolated output contacts can be used to switch a wide variety of voltages. The peak power of the device being controlled should not exceed the rated load. The relay can be used for solenoid valves, pumps and alarm applications that do not exceed the listed ratings.

Terminal Configuration (switch protection):

1. Apply one side of the input power through the float switch and attach to terminals 7 and 8.
2. Connect one line of the switched power through pin 5 and the desired operation terminal (pin 1 or 3) and back through the switched device.

Switched Terminals

1 Normally Closed	2 Normally Closed
3 Normally Open	4 Normally Open
5 Common (1-3)	6 Common (2-4)

Output Contact Ratings

(5-1, 5-3, or 6-2, 6-4)
15A @ 220 VAC
30A @ 30 VDC
1/3 Hp @ 277 VAC

Features:

- Exceptionally reliable
- Silver conduits for long life – 100,000 electrical cycles, minimum
- Conforms to CENELEC standards
- VDE-approved versions available

General Description (Models LL050.001, LL050.002, LL050.003):

Terminal	Plug-in type – 1/4" Q.C. tabs
Coil	AC/DC
Contact Form	DPDT

Representative Specifications:

Load	Resistance load (p.f. = 1)
Rated Load	30A @ 250 VAC; 10A @ 28 VDC
Contact Material	Ag
Maximum Output Ratings	30A @ 250 VAC 30A @ 110 VAC 20A @ 28 VDC 10A @ 120 VDC 7A @ 250 VDC (inductive)
Maximum Switching Capacity	2,500 VA; 280 W
Minimum Permissible Load	300 mA @ 12 VAC/VDC
Operating Temperature Range	-40°C to 55°C (-40°F to 131°F)
Mounting Connection	Easily mounted with molded-in tabs, connected via 1/4" solderable spade terminals