

LM

Latching Matrix

The Latching Matrix (LM) module makes it possible to energize relays, lights, motors, solenoids, and other Unit Under Test (UUT) components. You can use any power source providing your stimulus does not exceed the capabilities of the LM relays. DIT-MCO provides optional power sources you can use with your LM modules.

Select from two types of LM modules. Choose between the 50 (LM-50) or 100 (LM-100) separate latching relays. Each relay has one set of Form A (normally open) and one set of Form B (normally closed) contacts. This makes it possible to disconnect the switching system from the product when the LM module applies external energization power.

The relay contact is rated for a normal load of 4 amps of continuous duty.

Any power supply can connect to the LM chassis. The standard supplies available are the LMPS-28 and LMPS-115. The LMPS-28 supplies 28 volts at up to 10 amps. The LMPS-115 supplies 115 volts AC at 200 volt amps, 400 Hz.