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Rev	Description	Date	APVD

**Revision History**

Power Supply: 24V AC

P.E: Protective Earth  
 H: Heater  
 HT: Heater Thermostat  
 MT: Motor Thermostat  
 M: Motor  
 C: Capacitor  
 LS1: Limit Switch for OPEN (3A/250V AC)  
 LS2: Limit Switch for CLOSE (3A/250V AC)  
 LS3: Limit Switch for Handwheel (3A/250V AC)

Notes:

- 1) Modulating Board  
 Input Signal : 4-20mA, 2-10V  
 (It is suggested to use the shielding wire and its length should not exceed 30m.)  
 Output Signal : 4-20mA, 2-10V
- 2) Using less than 3A current for "A,B,C,D,E,F".
- 3) Wiring is shown with Actuator Fully Closed.
- 4) **Applicable to Actuator models iVL-A, B.**



**Innovative Actuation Incorporated**

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**DESCRIPTION:**

24V AC Modulating with Heater, Thermostat  
and 4-20mA Feedback 75% Duty

WIRING DIAGRAM CODE: **LC**      DATE: **MAR. 07/2023**

WIRING DIAGRAM NO.: **L-1BN2NN3N-1**