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Rev	Description	Date	APVD

**Revision History**

Power Supply: 110-120V AC or 220-240V AC

P.E: Protective Earth  
H: Heater  
HT: Heater Thermostat  
MT: Motor Thermostat  
M: Motor  
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**

1-215 Traders Blvd. Mississauga, Ontario Canada www.ivact.com

DESCRIPTION:  
110/220V AC Modulating with Heater, Thermostat and 4-20mA Feedback 75% Duty

WIRING DIAGRAM CODE: LD DATE: MAR. 07/2023

WIRING DIAGRAM NO.: L-2BN2NN3N-1