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Rev	Description	Date	APVD

Revision History

Power Supply: 24V AC

N.F.B: No Fuse Breaker  
P.E: Protective Earth  
H: Heater  
HT: Heater Thermostat  
MT: Motor Thermostat  
M: Motor  
S1: Switch  
LS1: Limit Switch for OPEN (5A/250V AC)  
LS2: Limit Switch for CLOSE (5A/250V AC)  
LS3: SPDT Auxiliary Limit Switch (5A/250V AC)  
LS4: SPDT Auxiliary Limit Switch (5A/250V AC)

- Notes:
- 1) "N" connects to 1, "L" connects to 7.
  - 2) S1 comes On for "OPEN".
  - 3) S1 comes Off for "CLOSE".
  - 4) Wiring is shown with Actuator Fully Closed.
  - 5) **Applicable to Actuator models iVS-A, B, C, D.**



**Innovative Actuation Incorporated**

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DESCRIPTION:  
24V AC TWO POSITION with Heater,  
Thermostat and Auxiliary Switches 50% Duty

WIRING DIAGRAM CODE: SA DATE: MAR. 10/2023

WIRING DIAGRAM NO.: S-1AN21NNN-1