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Rev	Description	Date	APVD

Revision History

Power Supply: 24V DC

- P.E: Protective Earth
- H: Heater
- HT: Heater Thermostat
- MT: Motor Thermostat
- M: Motor
- 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)
- TS: Torque Switches (optional)

Notes:

- 1) "-" connects to 1, "+" connects to 7.
- 2) "+" connects to 3 for "OPEN".
- 3) "+" connects to 4 for "CLOSE".
- 4) Using less than 5A current for "A,B,C,D,E,F".
- 5) Using battery to supply for DC units.
- 6) #8 connects to #9 for current output signal (4-20mA) and #8 connects to #10 for voltage output signal (2-10V).
- 7) Wiring is shown with Actuator Fully Closed.
- 8) **Applicable to Actuator models iVQ-M, N.**



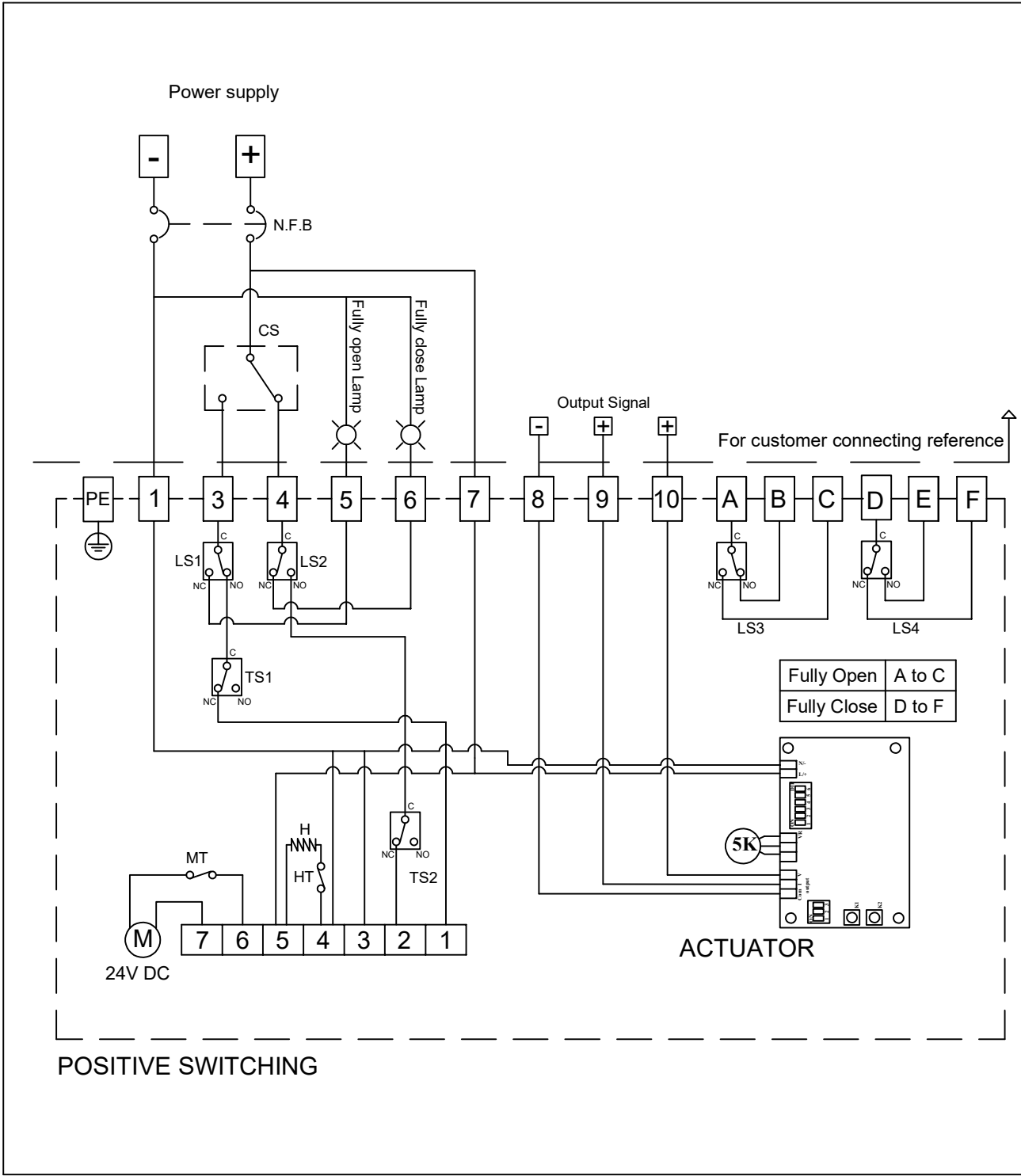
Innovative Actuation Incorporated

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DESCRIPTION:
 24V DC ON/OFF with Heater, Thermostat,
 Auxiliary Switches and 4-20mA Feedback
 75% Duty

WIRING DIAGRAM CODE: **QJ** DATE: **JAN. 07/2021**

WIRING DIAGRAM NO.: **Q-1EN21N3N-4**



Fully Open	A to C
Fully Close	D to F

POSITIVE SWITCHING