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



Innovative Actuation Incorporated

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DESCRIPTION:
24V AC ON/OFF with Heater, Thermostat,
Auxiliary Switches and 4-20mA Feedback
50% Duty

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

WIRING DIAGRAM NO.: **Q-1CN21N3N-1**

LIVE SWITCHING