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Rev	Description	Date	APVD

**Revision History**

Power Supply: 220-240V AC

- N.F.B: No Fuse Breaker
- C.S: Control Switch
- 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) #8 connects to #9 for current output signal (4-20mA) and #8 connect to #10 for voltage output signal (2-10V).
- 5) Wiring is shown with Actuator Fully Closed.
- 6) **Applicable to Actuator models iVQ-O to R.**



**Innovative Actuation Incorporated**

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**DESCRIPTION:**

220/240V AC Modulating with Heater,  
Thermostat, Auxiliary Switches and  
4-20mA Feedback 50% Duty

WIRING DIAGRAM CODE: **QW** DATE: **JAN. 11/2021**

WIRING DIAGRAM NO.: **Q-2CN21N3N-2**