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Rev	Description	Date	APVD

**Revision History**

Power Supply: 220-240V 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) 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) Wiring is shown with Actuator Fully Closed.
- 3) **Applicable to Actuator models iVQ-O to R.**

**Innovative Actuation Incorporated**

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

**DESCRIPTION:**  
110/220V AC Modulating with Heater, Thermostat, Auxiliary Switches and 4-20mA Feedback 50% Duty

WIRING DIAGRAM CODE: **QZ** | DATE: **JAN. 12/2021**

WIRING DIAGRAM NO.: **Q-2DN21N3N-2**