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Rev	Description	Date	APVD

Revision History

Power Supply: 110-120V AC or 220-240V AC

- S1: Local / Remote Selector Switch
- S2: OPEN / OFF / CLOSE Selector Switch
- PE: 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)
- LR: Local Remote Contact (optional)
- RY1: Alarm Relay (optional)

Notes:

- 1) "L" connects to 4, "N" connects to 5.
- 2) Modulating Board:
Input Signal : 4-20mA, 2-10V.
Output Signal : 4-20mA, 2-10V.
(shielding wire not to exceed 30m / 98 ft.)
- 3) Local / Remote Switches
Select "Remote" Mode : Controlled by signal.
Select "Local" Mode : Controlled by S2.
- 4) Use less than 5A current for "A,B,C,D,E,F".
- 5) #16 connects with #17: remote control feedback.
- 6) #16 connects with #18: local control feedback.
- 7) #13 connects with #15: alarm feedback.
- 8) Wiring is shown with Actuator Fully Closed.

9) **Applicable to Actuator models iVQ-E to N.**



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DESCRIPTION:
110/220V AC Modulating with Heater, Thermostat,
Auxiliary Switches, 4-20mA Feedback and
Local Control Unit 30% Duty

WIRING DIAGRAM CODE: **QS** DATE: **APR. 21/2019**

WIRING DIAGRAM NO.: **Q-2BL21N3N-1**