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Rev	Description	Date	APVD

**Revision History**

Power Supply: 110-120V AC or 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-E to N.**

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**DESCRIPTION:**  
110/220V AC Modulating with Heater,  
Thermostat, Auxiliary Switches and  
4-20mA Feedback 75% Duty

WIRING DIAGRAM CODE: **RF** | DATE: **JAN. 12/2021**  
WIRING DIAGRAM NO.: **Q-2FN21N3N-2**