



03			
02			
01			
00			
Rev	Description	Date	APVD

Revision History

Power Supply: 24V AC

CS: Control Switch  
 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 6, "N" connects to 7.
  - 2) Select "Remote" Mode : 1 connects to 3 for "OPEN".
  - 3) Select "Remote" Mode : 1 connects to 4 for "CLOSE".
  - 4) Select "Local" Mode : Controlled by S2.
  - 5) Contact 11 and 12 connect in "Remote" mode.
  - 6) Contact 11 and 13 connect in "Local" mode.
  - 8) Contact 8 and 10 connect for power failure.
  - 9) Wiring is shown with Actuator Fully Closed.
  - 10) **Applicable to Actuator models iVQ-O to R.**



**Innovative Actuation Incorporated**  
 1-215 Traders Blvd. Mississauga, Ontario Canada www.ivact.com

DESCRIPTION:  
 24V AC ON/OFF with Heater, Thermostat,  
 Auxiliary Switches and Local Control Unit  
 50% Duty

WIRING DIAGRAM CODE: **QC** | DATE: **APR. 21/2018**

WIRING DIAGRAM NO.: **Q-1CL21NNN-1**