

# Document Title: 125V DC POSITIVE IQ REMOTE CONTROL CIRCUITRY (24VDC)

THE BLUETOOTH® SETTING TOOL ENABLES ALL CONFIGURABLE ACTUATOR SETTINGS TO BE MADE.

BEFORE PUTTING THE ACTUATOR INTO SERVICE, IT MUST BE INSTALLED AND COMMISSIONED IN ACCORDANCE WITH PUBLICATION PUB002-039 INSTALLATION AND MAINTENANCE INSTRUCTIONS.  
UNLESS SPECIFIED WITH ORDER, THE ACTUATOR IS DESPATCHED WITH DEFAULT SETTINGS AS LISTED IN PUBLICATION PUB002-040.

FOR IQ CONTROL AND MONITORING FACILITIES, REFER TO PUBLICATION PUB002-041.

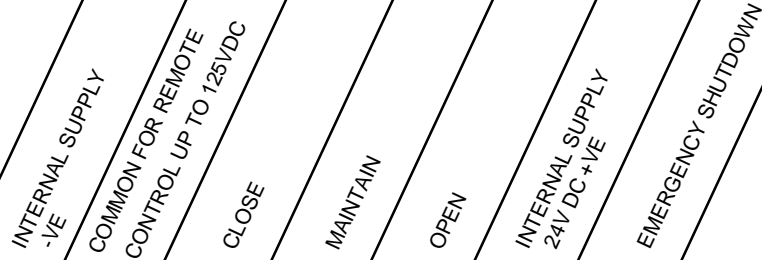
**NOTE:**

ACTUATOR REMOTE CONTROL SIGNALS MUST BE EXTERNALLY SUPPLIED.

THE INTERNAL 24VDC CAN NOT BE USED TO SUPPLY THE REMOTE CONTROL SIGNALS.

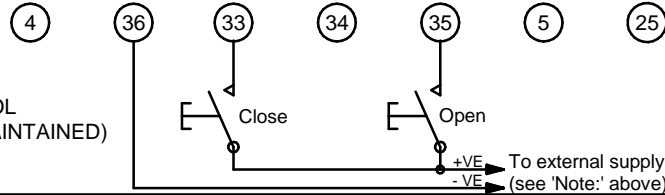
CONNECT CONTROL CONTACTS TO EXTERNAL SUPPLY +VE.  
CONNECT SUPPLY -VE AS FOLLOWS:-  
TO TERMINALS 36 & 31 FOR SUPPLIES 50VDC TO 125VDC

CUSTOMER CONNECTION FOR REMOTE CONTROL



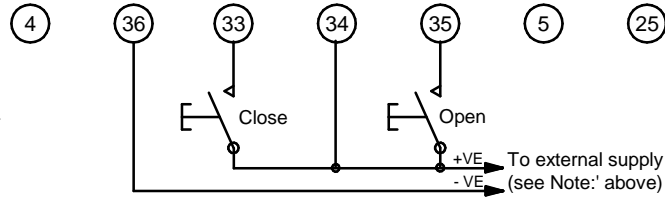
**FORM A**

OPEN/CLOSE PUSH TO RUN CONTROL  
(LOCAL CONTROL REMAINS SELF MAINTAINED)



**FORM B**

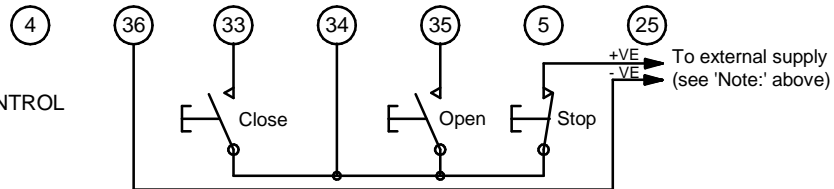
OPEN/CLOSE MAINTAINED CONTROL  
WITH MID TRAVEL REVERSAL



NOT APPLICABLE FOR IQM/IQML

**FORM C**

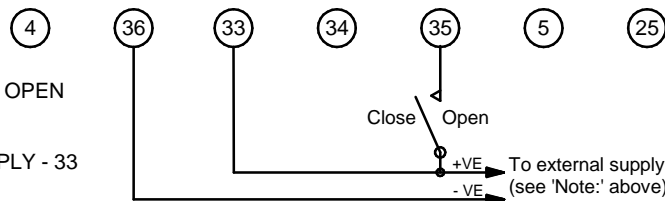
OPEN/STOP/CLOSE MAINTAINED CONTROL



NOT APPLICABLE FOR IQM/IQML

**FORM D**

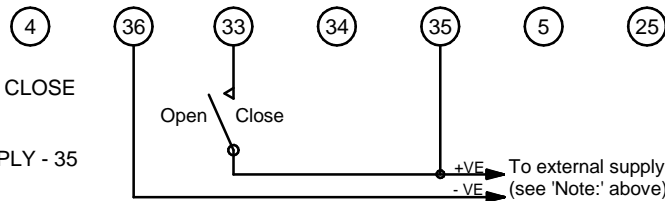
TWO WIRE CONTROL, ENERGISE TO OPEN  
DE-ENERGISE TO CLOSE.  
(CONFIGURE FOR OPEN PRIORITY)  
CUSTOMER TO LINK EXTERNAL SUPPLY - 33



NOT APPLICABLE FOR IQM/IQML

**FORM E**

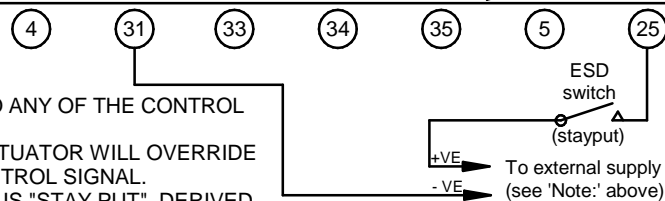
TWO WIRE CONTROL, ENERGISE TO CLOSE  
DE-ENERGISE TO OPEN  
(CONFIGURE FOR CLOSE PRIORITY)  
CUSTOMER TO LINK EXTERNAL SUPPLY - 35



NOT APPLICABLE FOR IQM/IQML

**FORM F**

EMERGENCY SHUT-DOWN CIRCUIT.  
THE ESD CIRCUIT CAN BE ADDED TO ANY OF THE CONTROL CIRCUITS SHOWN ABOVE.  
AN ESD SIGNAL APPLIED TO THE ACTUATOR WILL OVERRIDE ANY EXISTING OPEN OR CLOSE CONTROL SIGNAL.  
THE DEFAULT ESD CONFIGURATION IS "STAY PUT", DERIVED FROM A N/O CONTACT (SIGNAL APPLIED).  
FOR OTHER CONFIGURABLE ESD SETTING OPTIONS, REFER TO PUBLICATION PUB002-040 INSTALLATION AND MAINTENANCE INSTRUCTIONS.



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