

Document Title: **NEGATIVE SWITCHING IQT REMOTE CONTROL CIRCUITRY - MODULATING (24VDC)**

THE INFRA RED 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 E175E :IQT INSTALLATION AND MAINTENANCE INSTRUCTIONS.  
UNLESS SPECIFIED WITH ORDER, THE ACTUATOR IS DESPATCHED WITH DEFAULT SETTINGS AS LISTED IN PUBLICATION E175E.

FOR IQ CONTROL AND MONITORING FACILITIES, REFER TO PUBLICATION E120E.

**NOTE:**

ACTUATOR REMOTE CONTROL SIGNALS MAY BE INTERNALLY OR EXTERNALLY SUPPLIED.

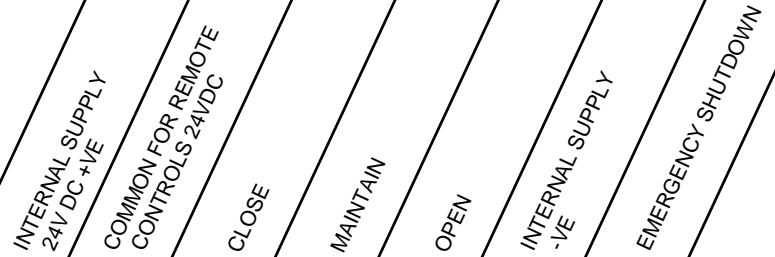
**INTERNALLY SUPPLIED:**

# FIT LINK '#' AS SHOWN AND CONNECT REMOTE CONTROL CONTACTS TO INTERNAL SUPPLY ON TERMINAL 5.

**EXTERNALLY SUPPLIED:**

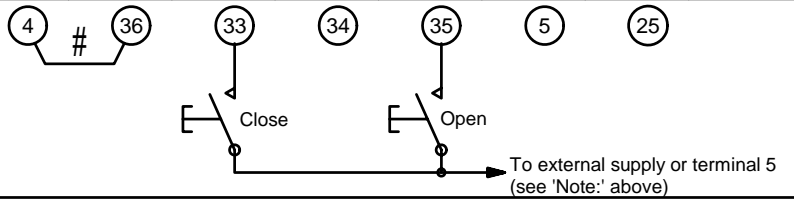
CONNECT CONTROL CONTACTS TO EXTERNAL SUPPLY ZERO/-VE. CONNECT SUPPLY LIVE/+VE AS FOLLOWS:-  
TO TERMINAL 36 & 31 FOR A 24VDC SUPPLY

CUSTOMER CONNECTIONS FOR REMOTE CONTROL



**FORM A**

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



**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 E170E:IQ INSTALLATION AND MAINTENANCE INSTRUCTIONS.

