

Document Title: **REMOTE CONTROL CIRCUITRY FOR SIL APPLICATIONS**

SIL NOTES (Priority over Sheet 2 Notes)

Independently Certified to IEC61508-2 (2010) as an element suitable for use in safety related systems up to and including SIL 2 (1001) and SIL 3 (1002). Must be installed, commissioned, tested and operated fully in accordance with the Safety Manual. Refer to SIL Safety Manual - PUB002-110

SIL STAYPUT (Safety Function 1): The control signal must be applied to terminal 34 before an open or closed control signal will operate the actuator. This is a high demand safety function, actuator will not move spuriously. The SIL STAYPUT function is not applicable for LOCAL control.

INTERNALLY SUPPLIED:

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

EXTERNALLY SUPPLIED:

CONNECT CONTROL CONTACTS TO EXTERNAL SUPPLY DC +VE.
CONNECT SUPPLY DC -VE TO TERMINAL 36 & 31

