## Document Title: REMOTE CONTROL CIRCUITRY FOR SIL + FOLOMATIC & BUS OPTION

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

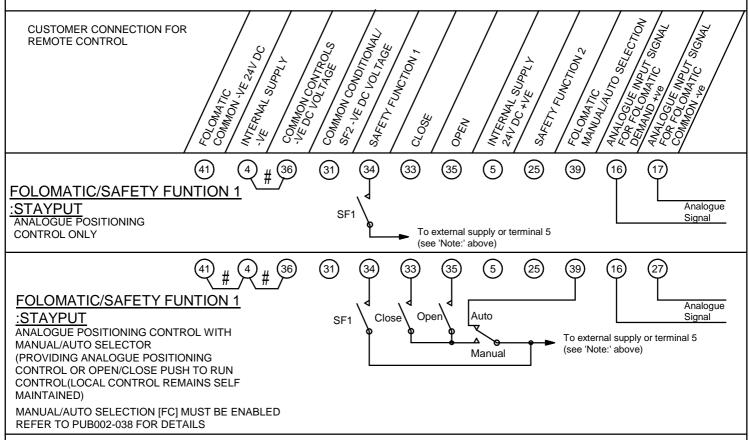
SIL STAYPUT (Safety Function 1): The control signal must be <u>applied</u> to terminal 34 before an open or closed control signal will operate the actuator. This is a high demand safety function, actuator will not move spuriously. The SIL STAYPUT function is not applicable for LOCAL control.

## 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 41, 36 & 31



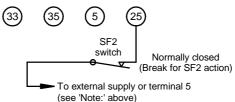
(34)

## SAFETY FUNCTION 2:MOVE TO LIMIT

SAFETY FUNCTION 2 CIRCUIT.

THE SF2 CIRCUIT CAN BE ADDED TO THE CONTROL CIRCUIT SHOWN ABOVE WHEN SAFETY FUNCTION 1 AND 2 ARE REQUIRED.

AN SF2 SIGNAL APPLIED TO THE ACTUATOR WILL OVERRIDE ANY EXISTING OPEN OR CLOSE CONTROL SIGNAL. SF1 OR SF2 CAN BE CONFIGURED TO TAKE PRIORITY OVER ALL CONTROLS, REFER TO PUBLICATION PUB002-057 FOR OTHER CONFIGURABLE SF2 SETTING OPTIONS, REFER TO PUBLICATION PUB002-057.





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