Document Title: REMOTE CONTROL CIRCUITRY FOR SIL STAYPUT + 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

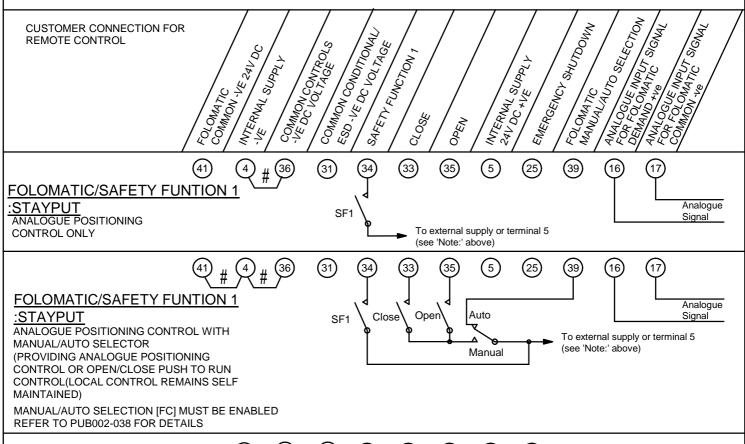
SIL STAYPUT (Safety Function 1): The control signal must be <u>applied</u> to terminal 34 before an open or closed control signal will operate the actuator. This is a high demand safety function, actuator will not move spuriously. The SIL STAYPUT function is not applicable for LOCAL control.

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





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.

