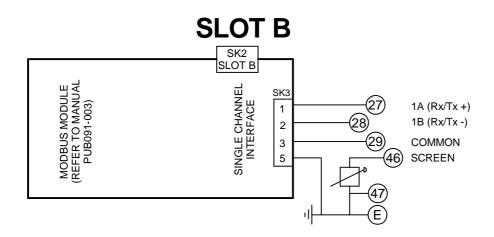


FOR MANUAL/AUTO CONNECTIONS AND DETAILS OF FOLOMATIC/CPT FUNCTIONS **REFER TO ROTORK PUBLICATION PUB002-041** FOR PAKSCAN CONTROL FOLOMATIC MUST BE CONFIGURED FOR MANUAL OPERATION

CARE SHOULD BE TAKEN TO ENSURE THAT CIRCUITS CONNECTED TO TERMINALS 4 OR 5 ARE NOT DIRECTLY OR INDIRECTLY CONNECTED TO GROUND.



PASSIVE TERMINATION CONTROLLED VIA SETTING IN ACTUATOR CONFIGURATION. REFER TO PUB002-040

MODBUS RS485 SIGNAL LINES REQUIRE EXTERNAL ACTIVE BIASING TO BE PROVIDED AT ONE LOCATION FOR THE WHOLE BUS SEGMENT, REFER TO PUB091-004.

NOTES

1.FUSES:

- -PS1 is a self-resetting fuse.
- -Refer to publication PUB002-039 for approved fuses FS1 and FS2. -Actuator rated voltage specified on nameplate. Voltage tolerance +/-10%, applies for rated torque performance; duty cycle is not gauaranteed. 2.REMOTE CONTROL:

-For typical remote control circuits refer to:

- -RWS indicated or PUB002-041.
- -For DC and AC control, connect -ve/0V to terminal 36.
- -(For negative switch / positive common, refer to RWS indicated).
- -Control signal threshold voltages:
- -DC: "on" ≥16Vdc / "off" ≤8Vdc, max 60Vdc. -AC: "on" ≥60Vac / "off" ≤40Vac, max 120Vac.
- -Control signal duration to be 300ms minimum.
- -Maximum current drawn from remote control signals is:
- -8mA at 24Vdc or 12mA at 120Vac.
- -Supply provided on terminals 4 & 5:
- -Intended for remote control.
- -Max external load 5W at 24Vdc / 5VA at 120Vac

3.INDICATION:

-For typical position, status and alarm indication see PUB002-041. -"S" contacts are user configurable and are shown in their default setting.

-Refer to PUB002-040 for functions and configuration instructions. -Monitor Relay indicates actuator availability for remote control (shown "unavailable"). It can be configured to exclude local/remote selection. -Refer to PUB002-040 for monitored functions and configuration instructions

-Voltage applied to indication contacts must not exceed 150Vac -Individual Switch current must not exceed 3.5A inductive, 5A resistive and no more than 8A in total for all 4 contacts.

4.BATTERY:

-Battery maintains local and remote "S" contact indication only. -Refer to installation manual for approved replacement battery types.

> Circuit Diagram Number 2 2 23M2001 of 2

See Sheet 1 for all Revision details/information