

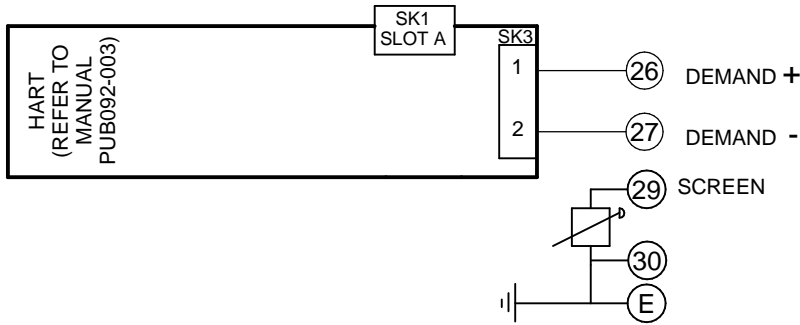
FOR TYPICAL REMOTE CONTROL
DETAILS, SEE DOCUMENT
RWS100

VOLTAGE OPTIONS	
VOLTAGE	SIZE
110VDC	10,12,18,20,25
48VDC	10,12,18
24VDC	10

REFER TO SHEET 2 FOR NOTES
& OPTION PCB'S IF FITTED

Iss 1 2	Date 270813 120614	Chkd PJW JBA	Revision Details FIRST ISSUE Slot A PUB Ref. changed to 003	www.rotork.com	IQ DC + HART
			ROTORC CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel:01225-733200	ROTORC CONTROLS INC ROCHESTER NY 14624, USA Tel:585-247-2304	Drawn by: JC1 Date : 270813 Base WD: 140H2000 Job No : -- MI No : --
Circuit Diagram Number <h2 style="text-align: center;">140H2000</h2>					Issue No <h2 style="text-align: center;">2</h2>
B1 C1 B2 C2					Sheet <h2 style="text-align: center;">1</h2> of 2

SLOT A



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 guaranteed.

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" $\geq 16\text{Vdc}$ / "off" $\leq 8\text{Vdc}$, max 60Vdc.
 - AC: "on" $\geq 60\text{Vac}$ / "off" $\leq 40\text{Vac}$, 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

5.DC:

- Default for sleep mode is DISABLED.
- Actuator will remain powered up at all times while supply is present.
- Sleep mode can be enabled by moving link LK1 from NORM to SOLAR. Be aware Pakscan signal will not wake actuator.
- 24VDC will be lost when in sleep mode.
- If customer supply is needed to wake actuator link LK3 must be moved to CUST for maintained customer supply.

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.