

FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS100**

TRANSFORMER TAPPING OPTIONS		
Tap	Nominal 50/60Hz	FUSE FS1
VOLTAGE	50HZ/60HZ	
LOW	115	500mA
HIGH	230	250mA

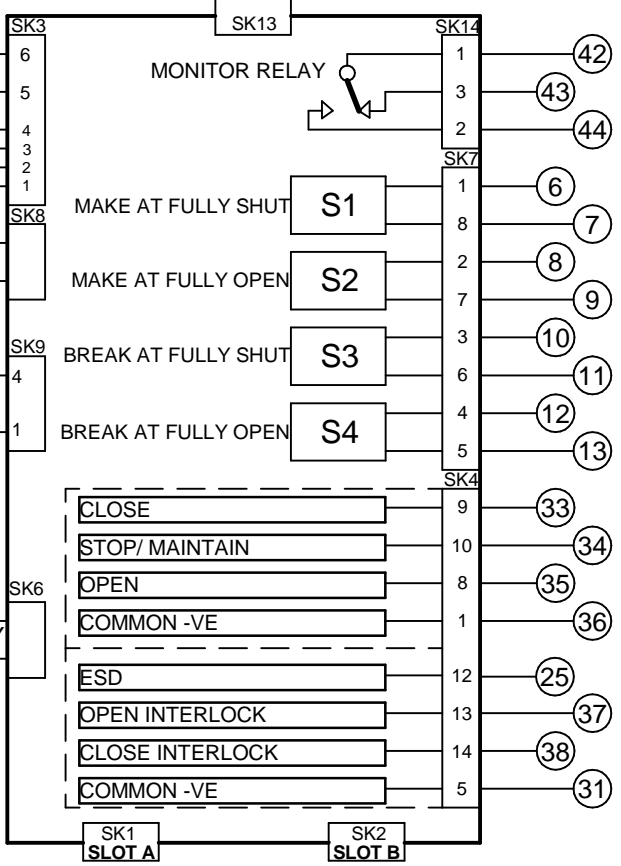
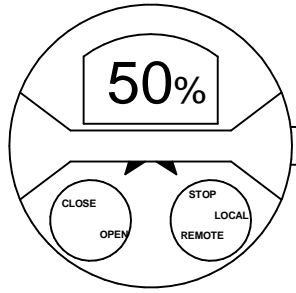
FUSE FS1 TO BE ANTI SURGE

CAPACITOR START/RUN (CS/CS2 AND CR/CR2) COMBINATIONS & VALUES VARY WITH SUPPLY VOLTAGE & ACTUATOR SIZE.

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



FS2 (IF FITTED) 100mA



Iss	Date	Chkd	Revision Details
1	250315	JC1	First Issue.

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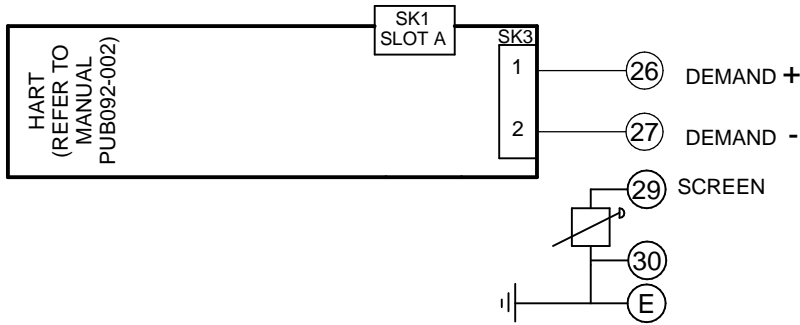
ROTORK CONTROLS LTD
BATH, BA1 3JQ
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Tel:01225-733200

ROTORK CONTROLS INC
ROCHESTER
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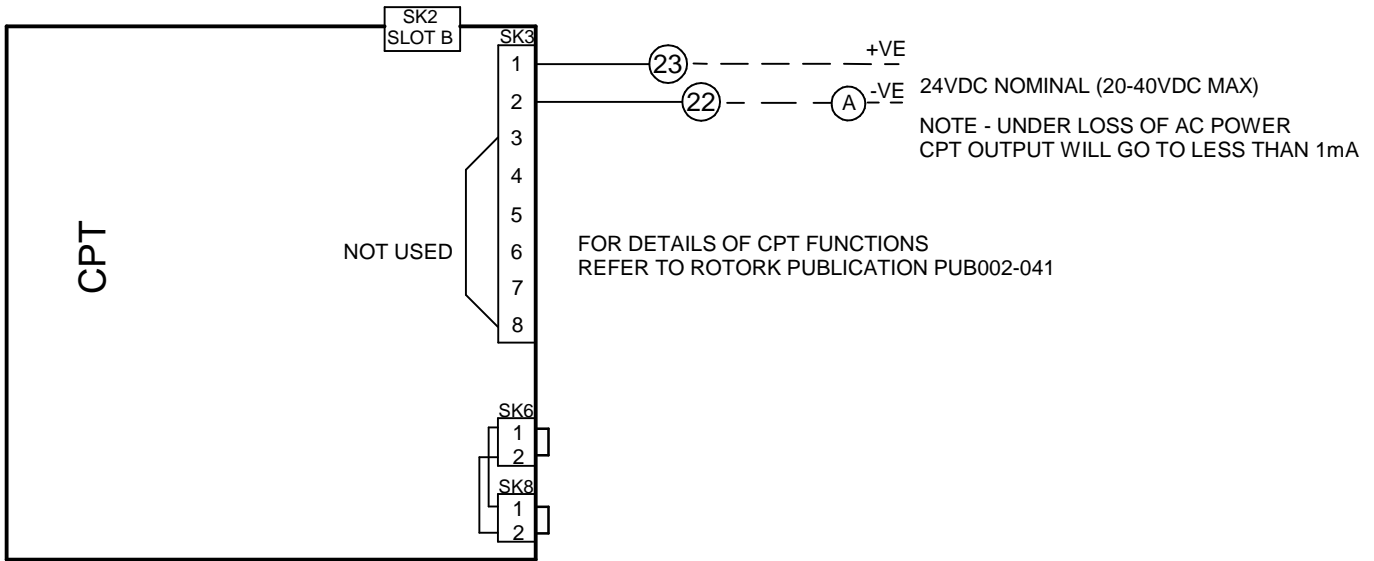
IQ SINGLE PHASE + EXT PWR CPT + HART		Circuit Diagram Number 125H2000		Issue No 1	Sheet 1 of 2
Drawn by: PJW	Date : 250315	Base WD: 125H2000	Job No : --	MI No : --	

B1	C1	B2	C2						
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SLOT A



SLOT B



NOTES

1.FUSES:

- PS1 is a self-resetting fuse.
- Refer to publication PUB002-039 for approved fuses FS1 and FS2.

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" $\geq 16V_{dc}$ / "off" $\leq 8V_{dc}$, max 60Vdc.
 - AC: "on" $\geq 60V_{ac}$ / "off" $\leq 40V_{ac}$, max 120Vdc.
- 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.

See Sheet 1 for all Revision details/information

Circuit Diagram Number	Issue No	Sheet
125H2000	1	2 of 2