

FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS102**

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.		

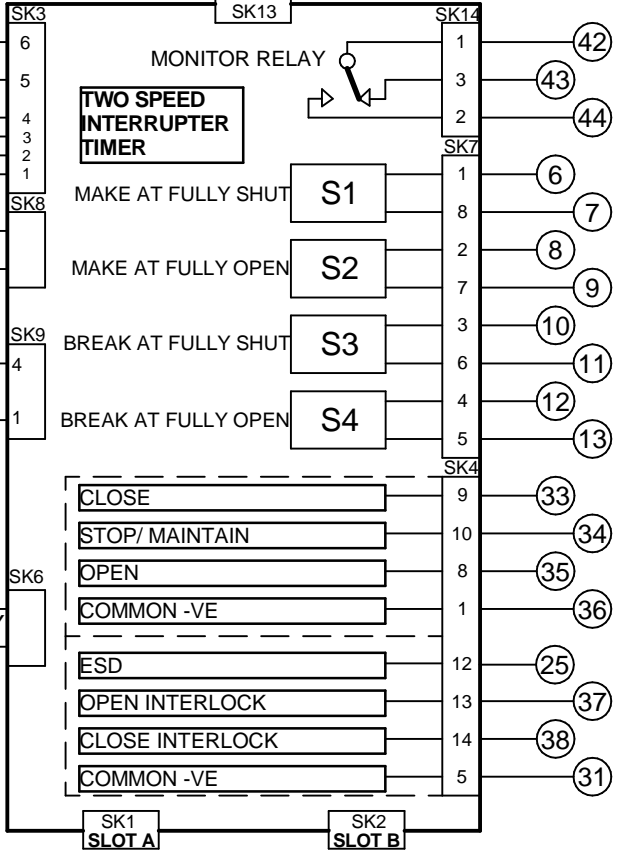
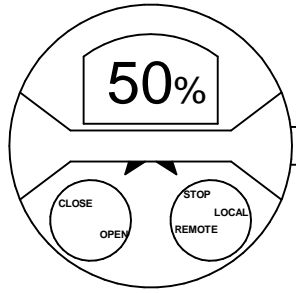
REFER TO SHEET 2 FOR NOTES & OPTION PCB'S IF FITTED

TORQUE SENSOR

POSITION SENSOR 10 WAY

BATTERY -

FS2 (IF FITTED) 100mA +



Iss	Date	Chkd	Revision Details
1	190516	JC1	First Issue.

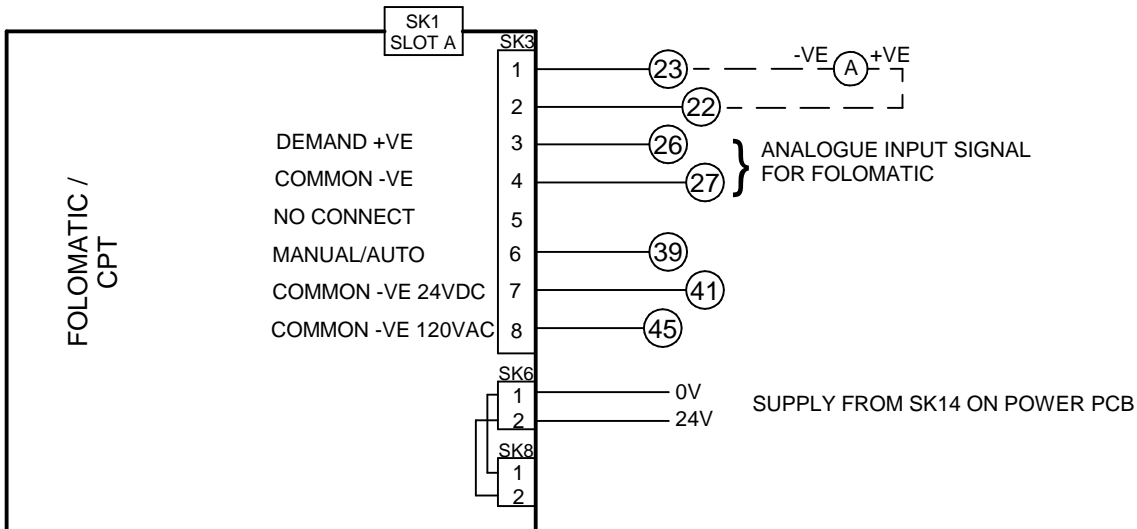
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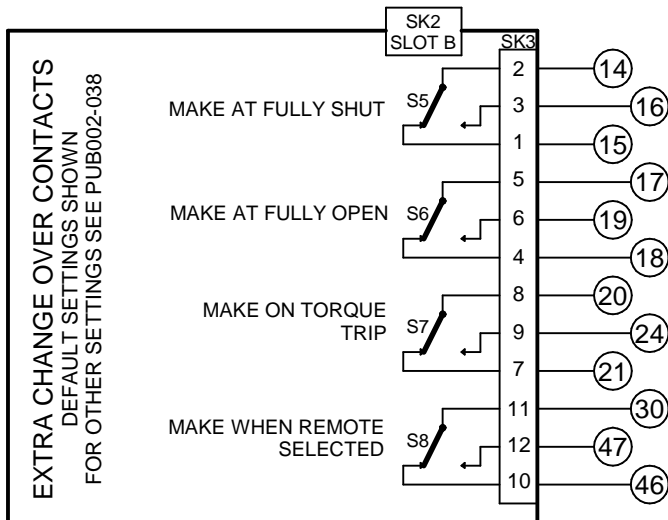
IQ SINGLE PHASE + FOLOMATIC + CPT + EXTRA RELAYS S5-S8 + TIMER			
Drawn by: PJW	Date : 190516	Base WD: 123B0011	Circuit Diagram Number 123B0011
Job No : --	MI No : --	Issue No 1	
B1 C1 B2 C2 B1 C1 M1 V1			

SLOT A



FOR MANUAL/AUTO CONNECTIONS AND
DETAILS OF FOLOMATIC/CPT FUNCTIONS
REFER TO ROTORK PUBLICATION PUB002-041

SLOT B



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" ≥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.