

FOR TYPICAL REMOTE CONTROL
DETAILS, SEE DOCUMENT
RWS113

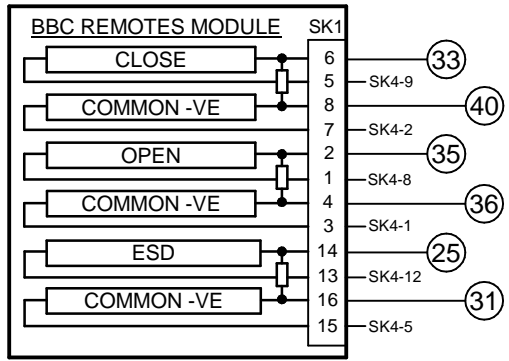
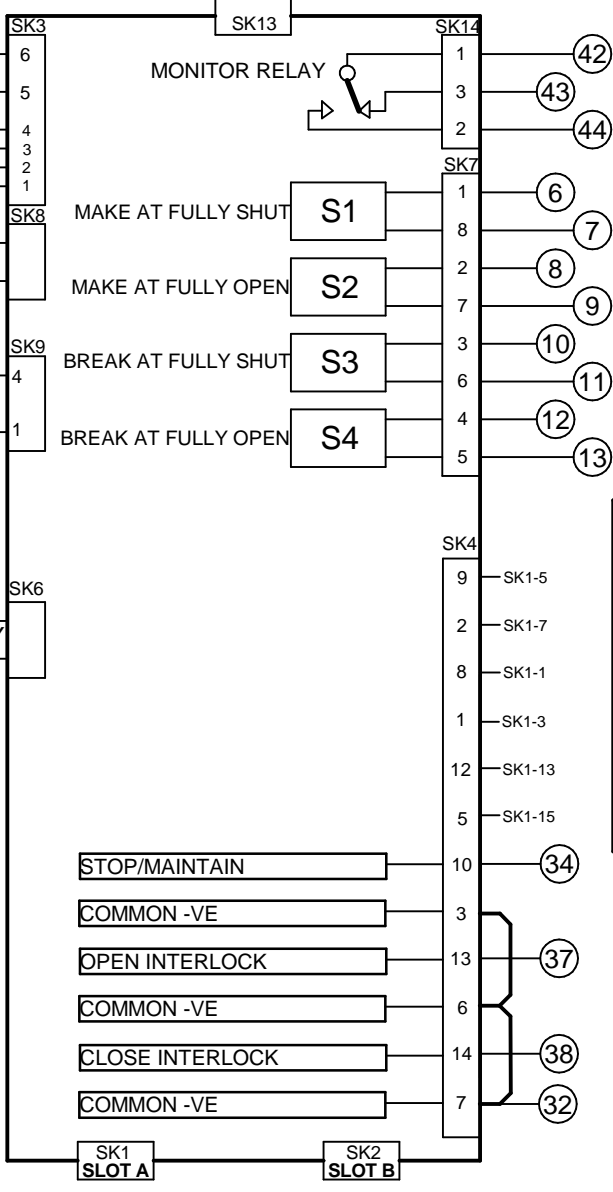
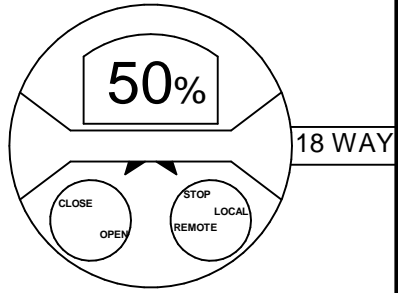
TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
TYPE 1	
W	220/230
X	380/400
Y	400,415/420
Z	440/460
FUSE FS 1=250mA ANTI-SURGE	
TYPE 2	
W	346/380
X	480/500
Y	240/240
Z	550/575
FUSE FS 1=250mA ANTI-SURGE	
TYPE 3	
X	660/660-690
Y	690/-
FUSE FS 1=150mA ANTI-SURGE	

TRANSISTOR SWITCHING FOR
24VDC CONTACTORS (IQ10-35)
RELAYS ONLY FITTED WHEN
120VAC CONTACTOR IS FITTED
FOR IQ40,70,90,91 & 95

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



FS2 (IF FITTED) 100mA



Iss	Date	Chkd	Revision Details
1	040716	JC1	FIRST ISSUE

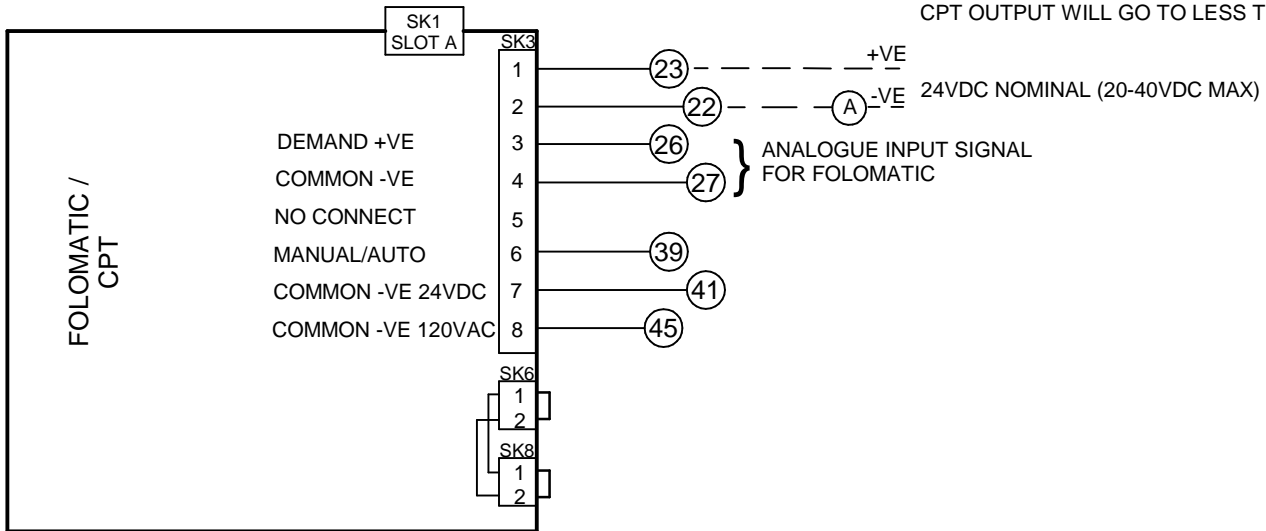
www.rotork.com
 ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND
 ROTORK CONTROLS INC ROCHESTER NY 14624, USA
 Tel:01225-733200 Tel:585-247-2304

IQ + FOLOMATIC + EXT PWR CPT + BBC REMOTES	
Drawn by: PJW Date : 040716 Base WD: 107B0200 Job No : -- MI No : --	Circuit Diagram Number 107B0200 Issue No 1 Sheet 1 of 2

B1	C1	B2	C2						
----	----	----	----	--	--	--	--	--	--

SLOT A

NOTE - UNDER LOSS OF AC POWER
CPT OUTPUT WILL GO TO LESS THAN 1mA



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

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 control, connect -ve/0V to terminal 32.
- (For negative switch / positive common, refer to RWS indicated).
- Control signal threshold voltages:
 - DC: "on" ≥16Vdc / "off" ≤8Vdc, max 60Vdc.
- Control signal duration to be 300ms minimum.
- Maximum current drawn from remote control signals is:
 - 8mA at 24Vdc.
- Supply provided on terminals 4 & 5:
 - Intended for remote control.
 - Max external load 5W at 24Vdc.

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.