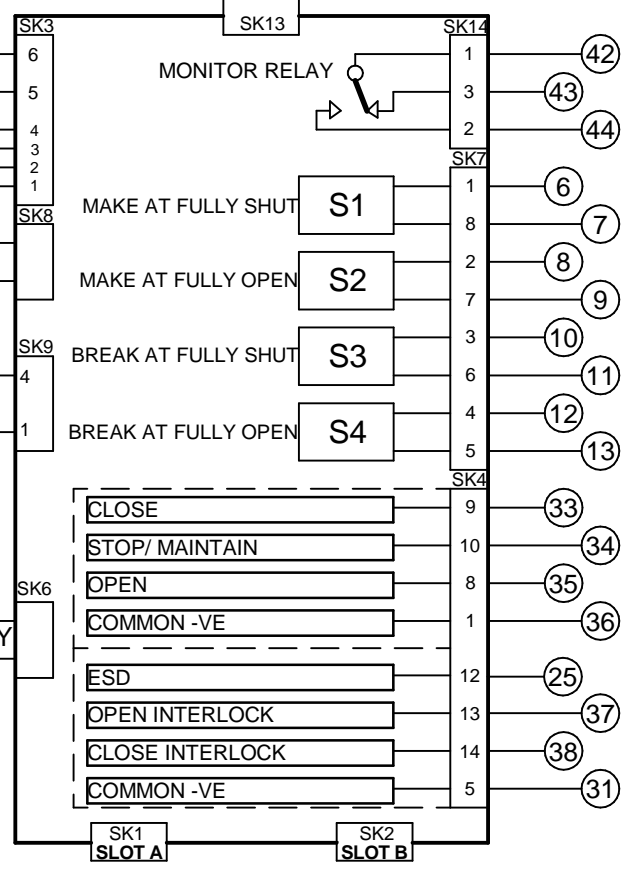
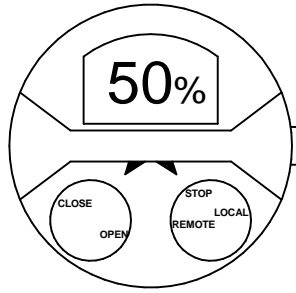


FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS122**

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	

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



Iss	Date	Chkd	Revision Details
3	180614	MR	400v added to type 1 tapping Y. Note added to sheet 2 note 1.
4	240718	PJW	PROFIBUS PUB SHT2 UPDATED WAS PUB008-005
5	260918	DH	'TERMINATION' removed from SW1 on Sht 2.
6	041120	PJW	'TERMINATION' removed from SW2 on Sht 2.

**www.rotork.com**

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

ROTORK CONTROLS INC  
ROCHESTER  
NY 14624, USA  
Tel:585-247-2304

IQ + FOLOMATIC/CPT + DUAL CHANNEL PROFIBUS MODULE & DISCONNECT MODULE.

Drawn by: PJW  
Date : 260913  
Base WD: 103P3004  
Job No : --  
MI No : --

Circuit Diagram Number  
**103P3004**

Issue No  
**6**

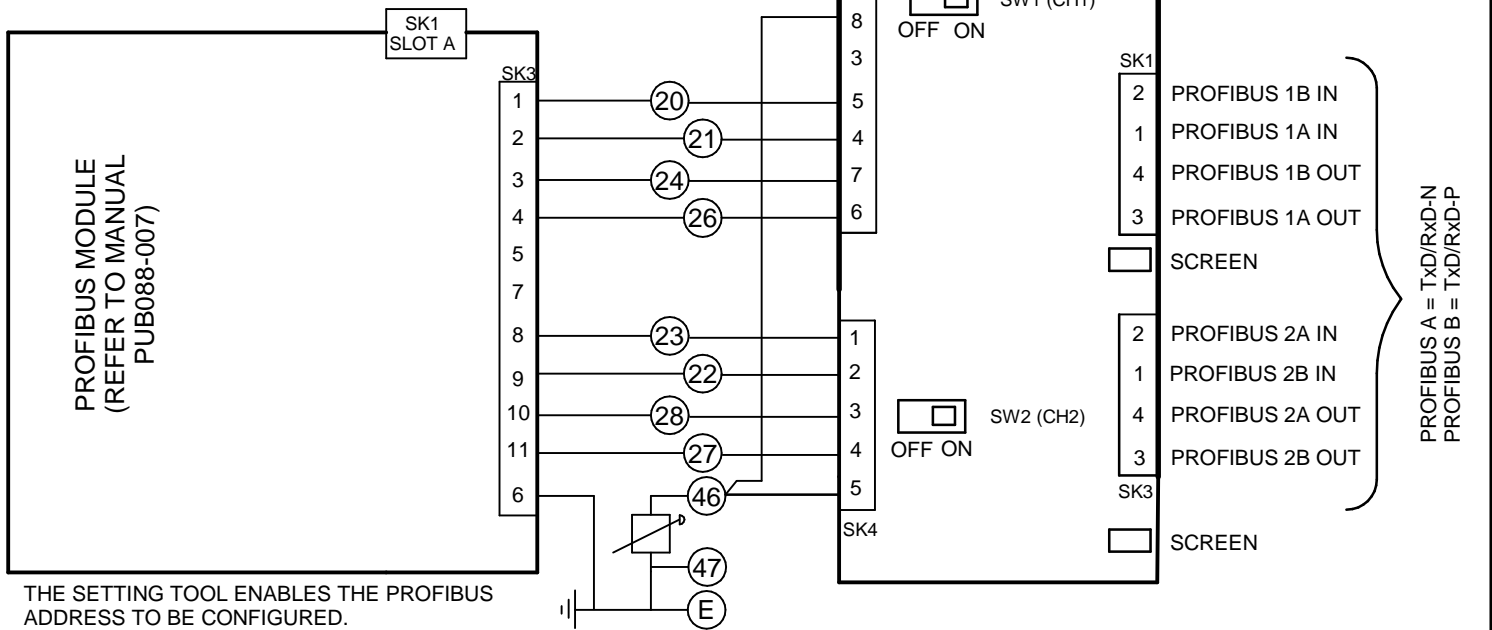
Sheet  
**1**  
of 2

B1|C1|B2|C2| | | | | | | |

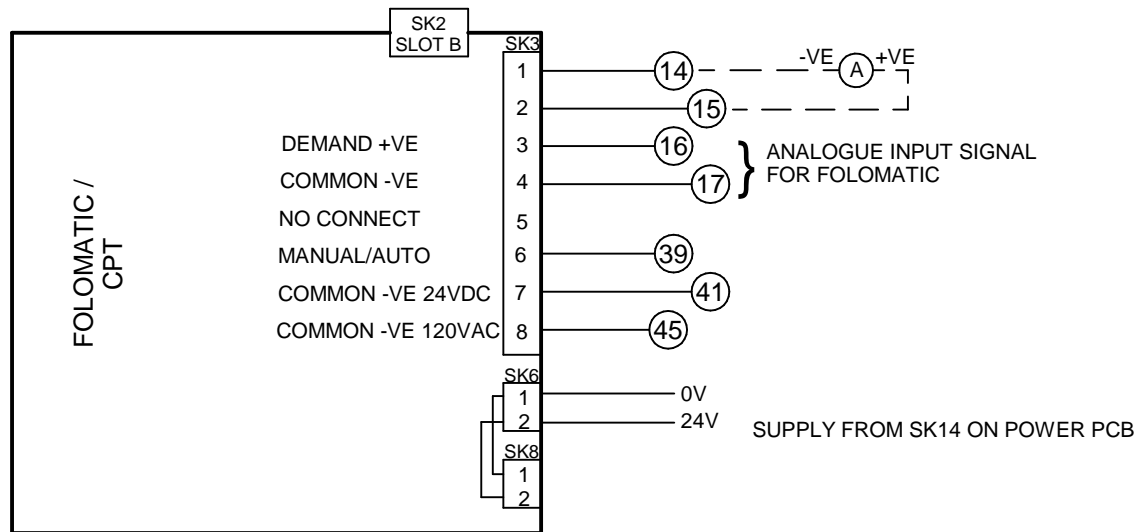
CIRCUIT DRAWN WITH POWER SUPPLY OFF

24VDC SUPPLY FROM TERMINALS 4 & 5

## SLOT A



## SLOT B



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

### NOTES

- 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.
- REMOTE CONTROL:** FOR TYPICAL REMOTE CONTROL CIRCUITS REFER TO RWS INDICATED OR PUBLICATION PUB002-041. FOR DC AND AC CONTROL CONNECT -VE/0V TO TERMINAL 36 (FOR NEGATIVE SWITCH / +VE COMMON WIRING DIAGRAMS, REFER TO RWS INDICATED). DC CONTROL SIGNAL THRESHOLD VOLTAGES - "ON"  $\geq 16VDC$  / "OFF"  $\leq 8VDC$ . AC CONTROL SIGNAL THRESHOLD VOLTAGES - "ON"  $\geq 60VAC$  / "OFF"  $\leq 40VAC$ . 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 IS INTENDED FOR REMOTE CONTROL. MAX EXTERNAL LOAD ON TERMINALS 4 & 5 IS 5W AT 24VDC / 5VA AT 120VAC.

- INDICATION:** FOR TYPICAL, POSITION, STATUS AND ALARM INDICATION SEE PUBLICATION 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 150V. MAX SWITCHES CURRENT NOT TO EXCEED 3.5A INDUCTIVE, 5A RESISTIVE.
- 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
103P3004	6	2 of 2