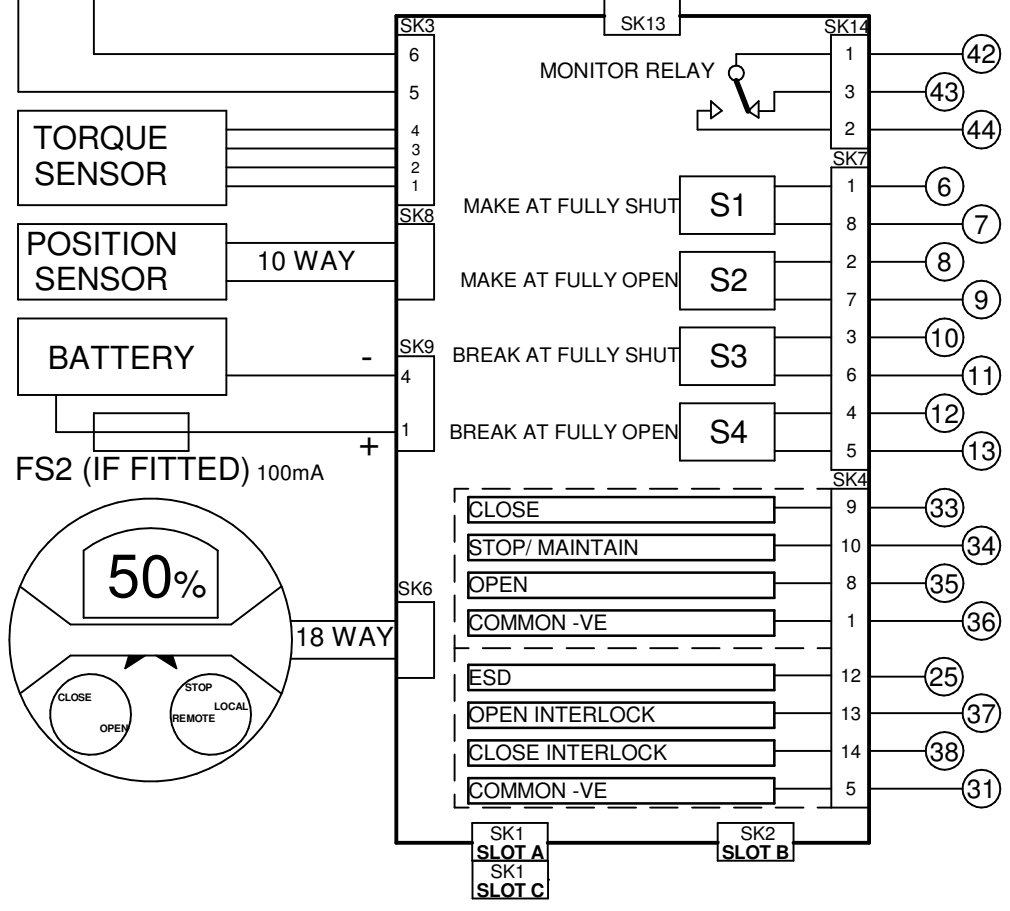


FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS122**

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
1	230216	PJW	First Issue.
4	240718	PJW	PROFIBUS PUB SHT2 UPDATED WAS PUB008-005

**www.rotork.com**

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

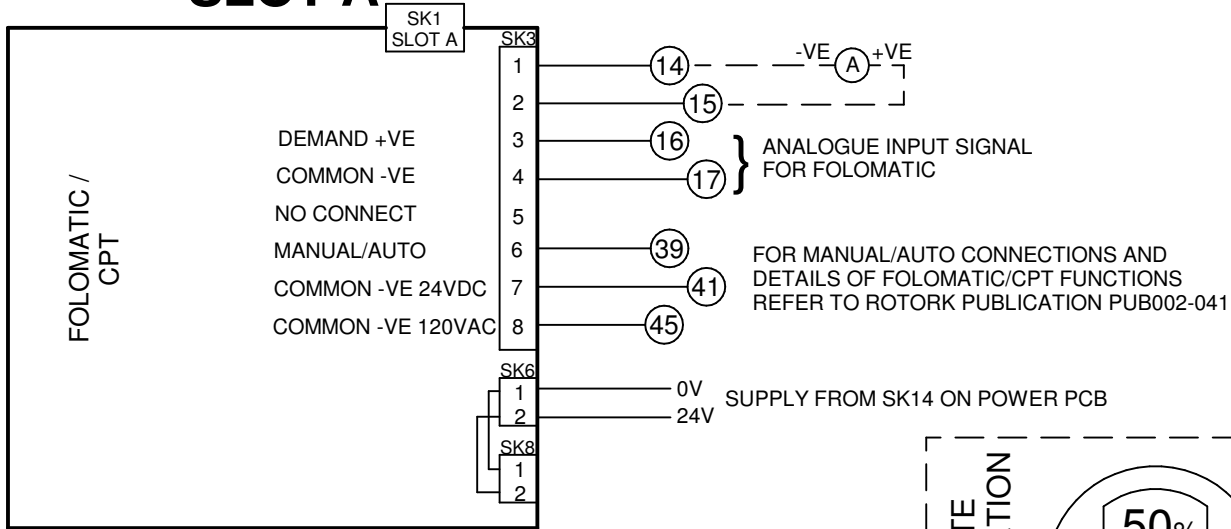
ROTORK CONTROLS INC  
ROCHESTER  
NY 14624, USA  
Tel:585-247-2304

IQ + FOLOMATIC/CPT + SINGLE CHANNEL PROFIBUS MODULE +RHS		Circuit Diagram Number <b>103P2006</b>		Issue No <b>2</b>	Sheet <b>1</b> of 2
MI No	Job No	Base WD: 103P2006	Date : 230216	Drawn by: PJW	

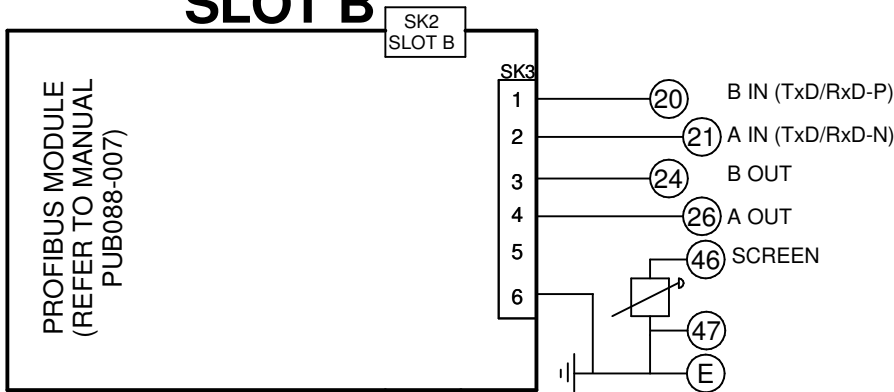
B1	C1	B2	C2						
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# SLOT A

CIRCUIT DRAWN WITH POWER SUPPLY OFF

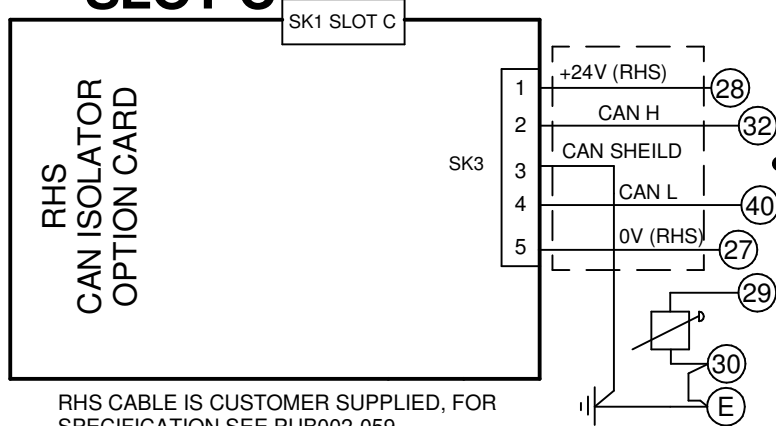


# SLOT B

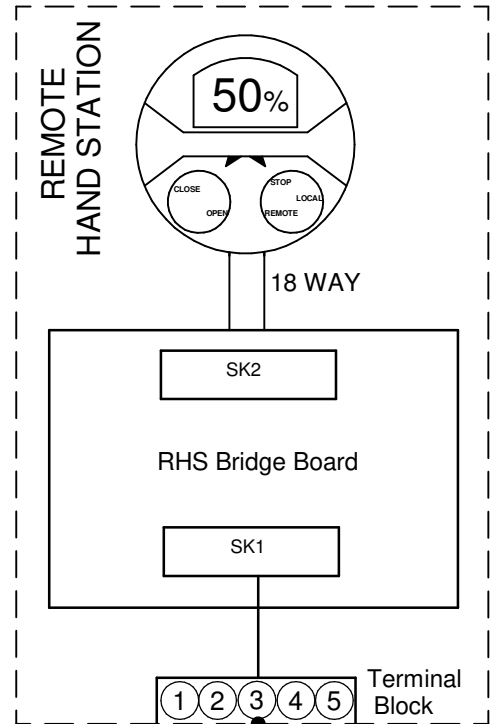


THE SETTING TOOL ENABLES THE PROFIBUS ADDRESS TO BE CONFIGURED.

# SLOT C



RHS CABLE IS CUSTOMER SUPPLIED, FOR SPECIFICATION SEE PUB002-059, MAXIMUM LENGTH OF CABLE TO BE 100M.



Actuator Terminal Bung No.	RHS Terminal Block No.	Function
28	1	+24V (RHS)
27	2	0V (RHS)
32	3	CAN H
40	4	CAN L
29	5	SHEILD

## 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" ≥16VDC / "OFF" ≤ 8VDC. AC CONTROL SIGNAL THRESHOLD VOLTAGES - "ON" ≥60VAC / "OFF" ≤ 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
<b>103P2006</b>	<b>2</b>	<b>2</b>
		of 2