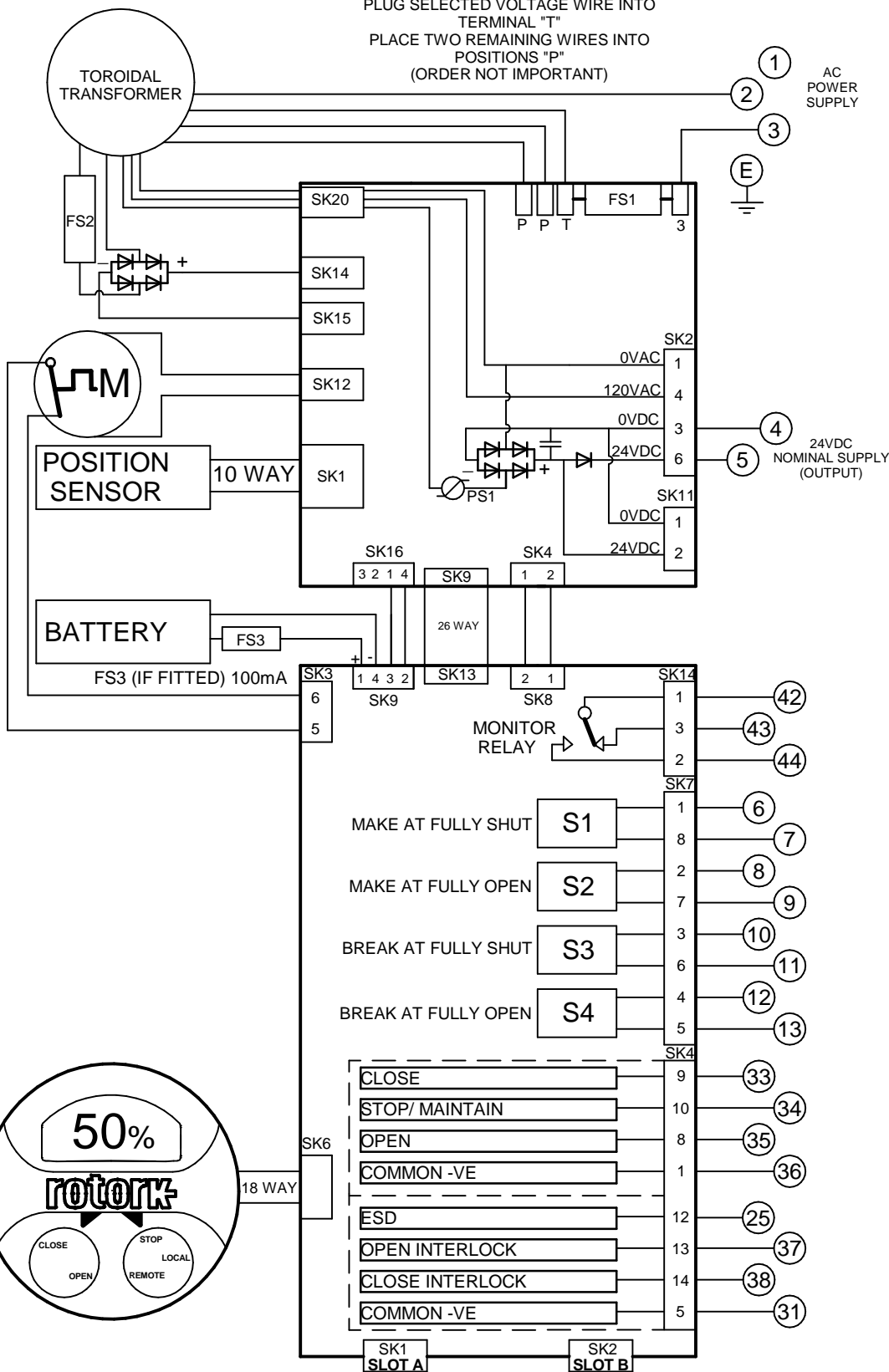


CIRCUIT DRAWN WITH POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS, SEE DOCUMENT
RWS100

PLUG SELECTED VOLTAGE WIRE INTO
TERMINAL "T"
PLACE TWO REMAINING WIRES INTO
POSITIONS "P"
(ORDER NOT IMPORTANT)

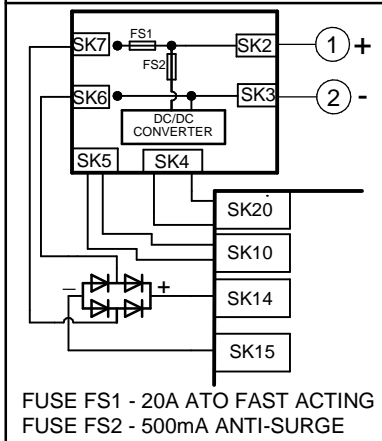


TRANSFORMER VOLTAGE OPTIONS:
CONNECT CORRESPONDING
COLOUR TO "T"

TYPE 1		
GREY	100V	FS1 - 5A ANTISURGE
PURPLE	110V	
BROWN	120V	
TYPE 2		
GREY	200V	FS1 - 2.5A ANTISURGE
PURPLE	230V	
BROWN	270V	
TYPE 3		
GREY	380V	FS1 - 2.0A ANTISURGE
PURPLE	400V	
BROWN	415V	
TYPE 4		
GREY	480V	FS1 - 2.0A ANTISURGE
PURPLE	575V	
BROWN	690V	

FS2 - 20A ATO FAST ACTING ALL TYPES

TYPE 5 DC (ONLY)



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

Iss	Date	Chkd	Revision Details
1	160617	JC1	FIRST ISSUE
2	200718	JC1	PROFIBUS PUB SHT2 UPDATED WAS PUB008-005
3	260918	DH	'TERMINATION' removed SW1 on Sht 2
4	180619	PMJ	PUB002-065 WAS -039
5	051120	PJW	'TERMINATION' removed from SW2 on Sht 2.

www.rotork.com

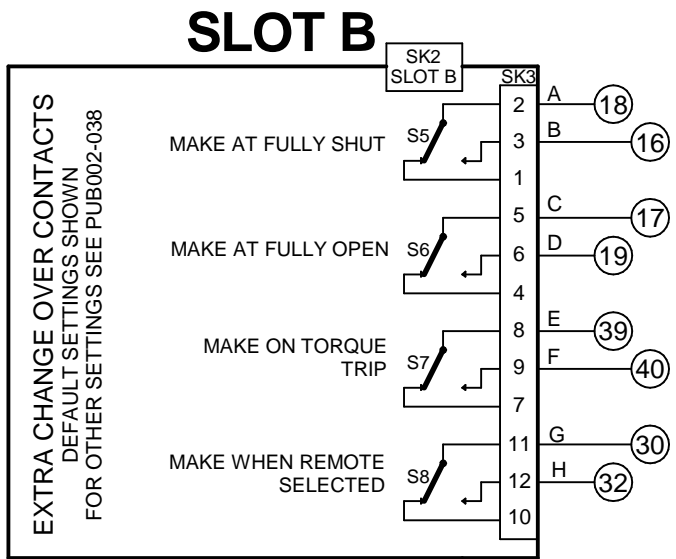
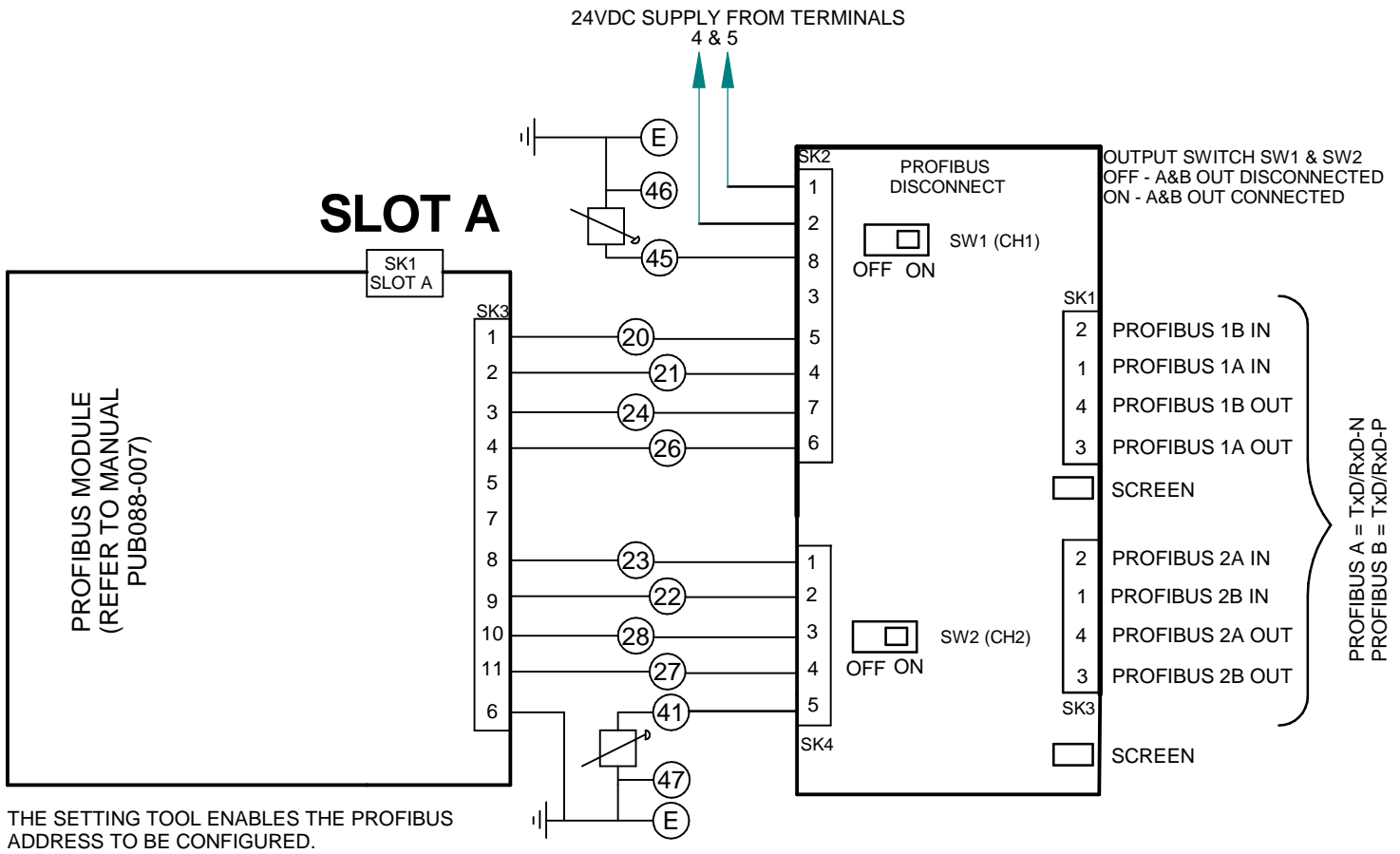
ROTORK CONTROLS LTD
BATH, BA1 3JQ
ENGLAND
Tel:01225-733200

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

IQT + EXTRA RELAYS S5-S8 + DUAL CHANNEL
PROFIBUS & PROFIBUS DISCONNECT

Drawn by: PJW
Date : 160617
Base WD: 300P3014
Job No : --
MI No : --

Circuit Diagram Number		Issue No	Sheet
300P3014		5	1 of 2
B1	C1	B2	C2
B1	C1	M1	V1



NOTES

1.FUSES:

- PS1 is a self-resetting fuse.
- Refer to publication PUB002-065 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.

Circuit Diagram Number	Issue No	Sheet
300P3014	5	2
		of 2