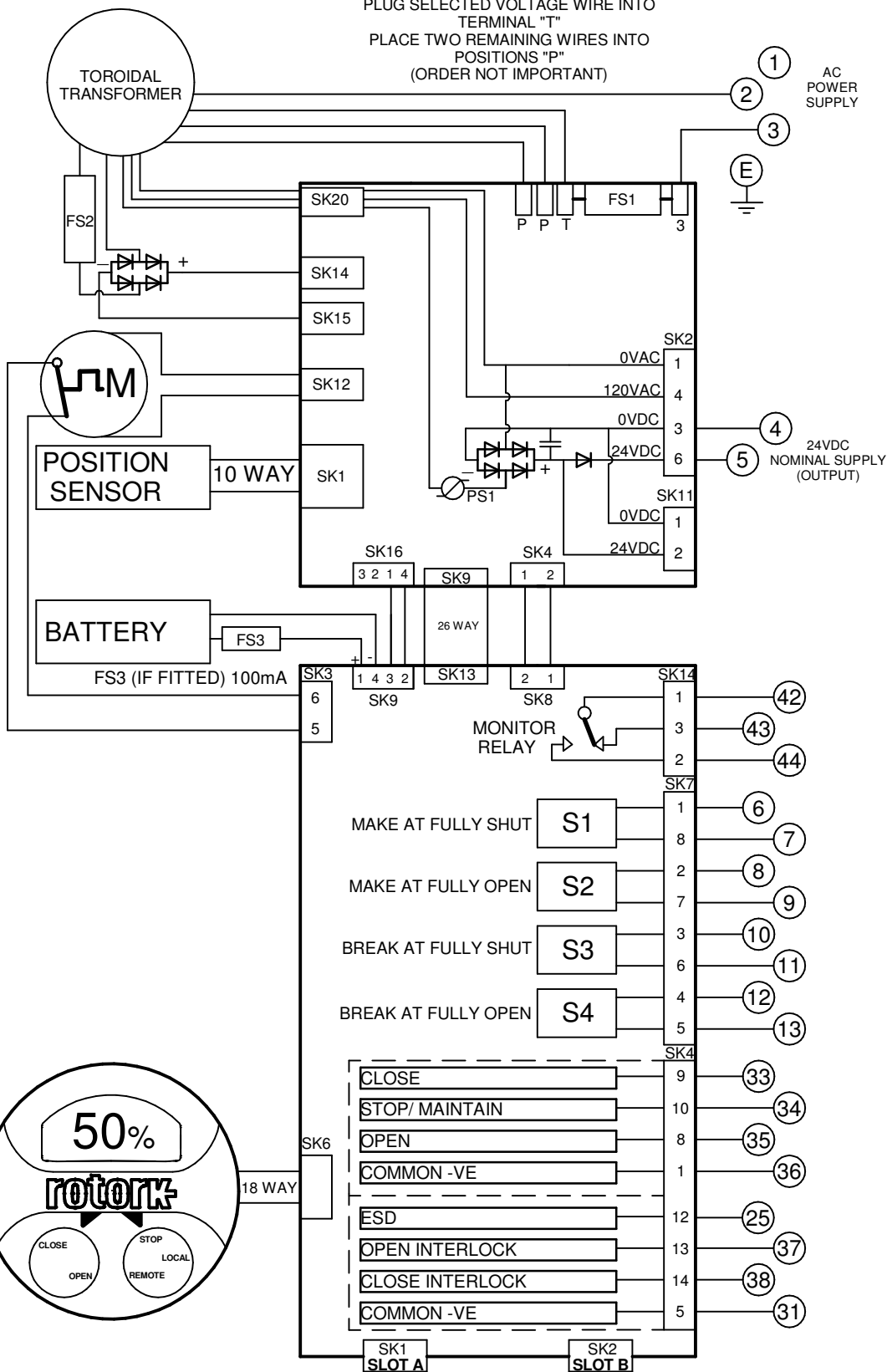


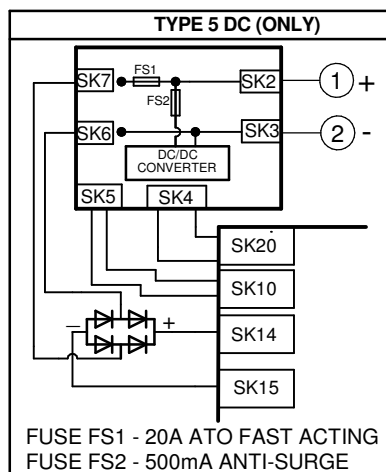
PLUG SELECTED VOLTAGE WIRE INTO
TERMINAL "T"
PLACE TWO REMAINING WIRES INTO
POSITIONS "P"
(ORDER NOT IMPORTANT)



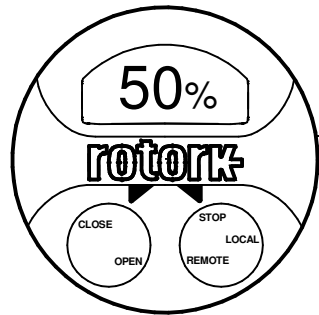
TRANSFORMER VOLTAGE OPTIONS:
CONNECT CORRESPONDING
COLOUR TO "T"

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 - 1.6A ANTISURGE
PURPLE	400V	
BROWN	415V	
TYPE 4		
GREY	480V	FS1 - 1.6A ANTISURGE
PURPLE	575V	
BROWN	690V	

FS2 - 20A ATO FAST ACTING ALL TYPES

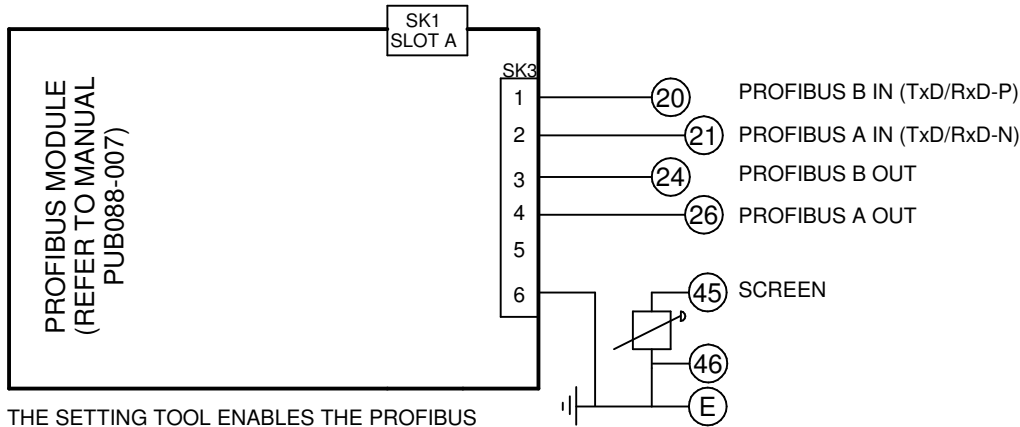


REFER TO SHEET 2 FOR NOTES
& OPTION PCB'S IF FITTED



Iss	Date	Chkd	Revision Details	www.rotork.com	IQT + PROFIBUS SINGLE CHANNEL														
2	270115	N.M	Fuse FS1 / FS2 clarified		ROTORK CONTROLS LTD	ROTORK CONTROLS INC	Drawn by: JC1												
3	261115	PMJ	TYPE 5 DC WIRING UPDATED.	BATH, BA1 3JQ	ROCHESTER	Date : 130314													
4	180718	PJW	PROFIBUS PUB SHT2	ENGLAND	NY 14624, USA	Base WD: 300P2000													
5	180619	PMJ	UPDATED WAS PUB008-005 PUB002-065 WAS -039	Tel:01225-733200	Tel:585-247-2304	Job No : - -													
							MI No : - -												
							<table border="1"> <tr> <td colspan="2">Circuit Diagram Number</td> <td>Issue No</td> <td>Sheet</td> </tr> <tr> <td colspan="2">300P2000</td> <td>5</td> <td>1</td> </tr> <tr> <td>B1</td> <td>C1</td> <td>B2</td> <td>C2</td> </tr> </table>	Circuit Diagram Number		Issue No	Sheet	300P2000		5	1	B1	C1	B2	C2
Circuit Diagram Number		Issue No	Sheet																
300P2000		5	1																
B1	C1	B2	C2																

SLOT A



THE SETTING TOOL ENABLES THE PROFIBUS ADDRESS TO BE CONFIGURED.

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" $\geq 16\text{Vdc}$ / "off" $\leq 8\text{Vdc}$, max 60Vdc.
 - AC: "on" $\geq 60\text{Vac}$ / "off" $\leq 40\text{Vac}$, 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.

See Sheet 1 for all Revision details/information

Circuit Diagram Number	Issue No	Sheet
300P2000	5	2 of 2