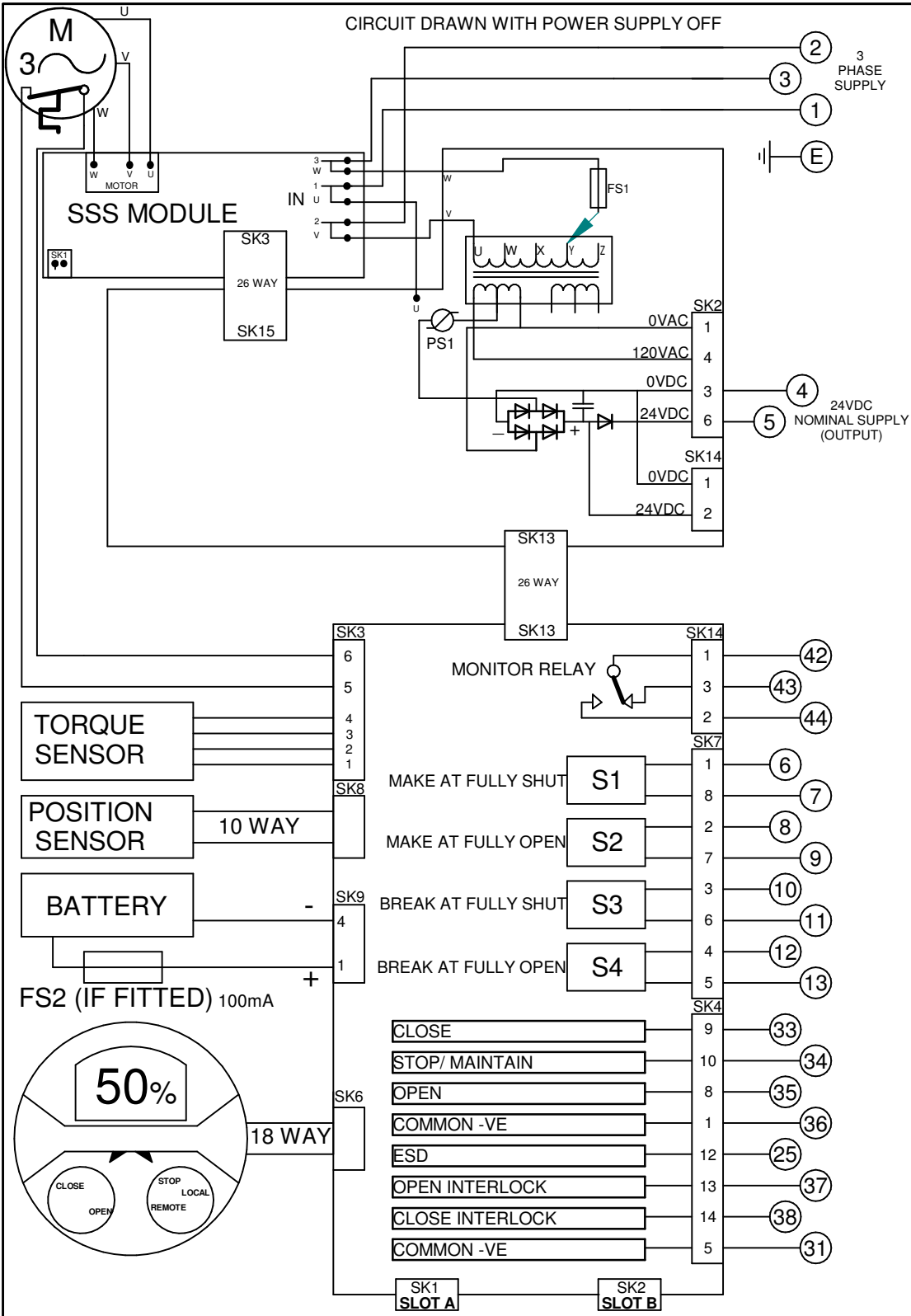


CIRCUIT DRAWN WITH POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS, SEE DOCUMENT
RWS100

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	



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

THE ACTUATOR MUST BE
PROTECTED USING SUITABLY
RATED HIGH SPEED
SEMI-CONDUCTOR FUSES ON THE
INCOMING SUPPLY.

SUGGESTED FUSES :-

- IQ10-20:10 Amp FERRAZ G330010
- IQ25-35:20 Amp FERRAZ K330013
- ALTERNATIVES =
- IQ10-20:10 Amp SIBA 50-179-06/10A
- IQ25-35:20 Amp SIBA 50-179-06/20A
- OR EQUIVALENT PROTECTIVE
DEVICE.

Iss	Date	Chkd	Revision Details
5	130616	PW	Updated notes on page 2.
6	020916	PW	Updated page 2 to show correct termination SW1 PROFIBUS PUB SHT2
7	250718	PJW	UPDATED WAS PUB008-005 'TERMINATION' removed from SW1 on Sht 2.
8	260918	DH	

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IQM + SINGLE CHANNEL PROFIBUS MODULE AND PROFIBUS DISCONNECT

Drawn by: PJW Date : 291012 Base WD: 200P2004 Job No : -- MI No : --	Circuit Diagram Number 200P2004	Issue No 8 Sheet 1 of 2
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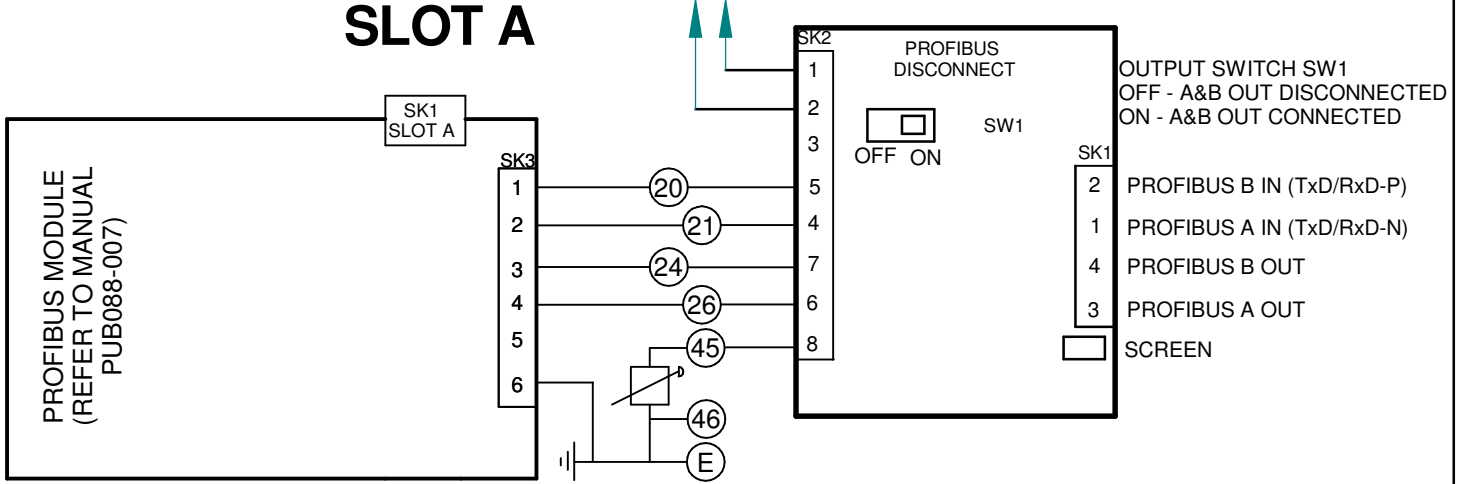
B1	C1	B2	C2						
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CIRCUIT DRAWN WITH POWER SUPPLY OFF

24VDC SUPPLY FROM TERMINALS

4 & 5

SLOT A



THE SETTING TOOL ENABLES THE PROFIBUS ADDRESS TO BE CONFIGURED.

NOTES

1.FUSES:

- PS1 is a self-resetting fuse.
- Refer to publication PUB002-039 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 to terminal 36.
- (For negative switch / positive common, refer to RWS indicated).
- Control signal threshold voltages:
 - DC: "on" $\geq 16Vdc$ / "off" $\leq 8Vdc$, max 60Vdc.
 - Control signal duration to be 100ms 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.

See Sheet 1 for all Revision details/information

Circuit Diagram Number	Issue No	Sheet
200P2004	8	2 of 2