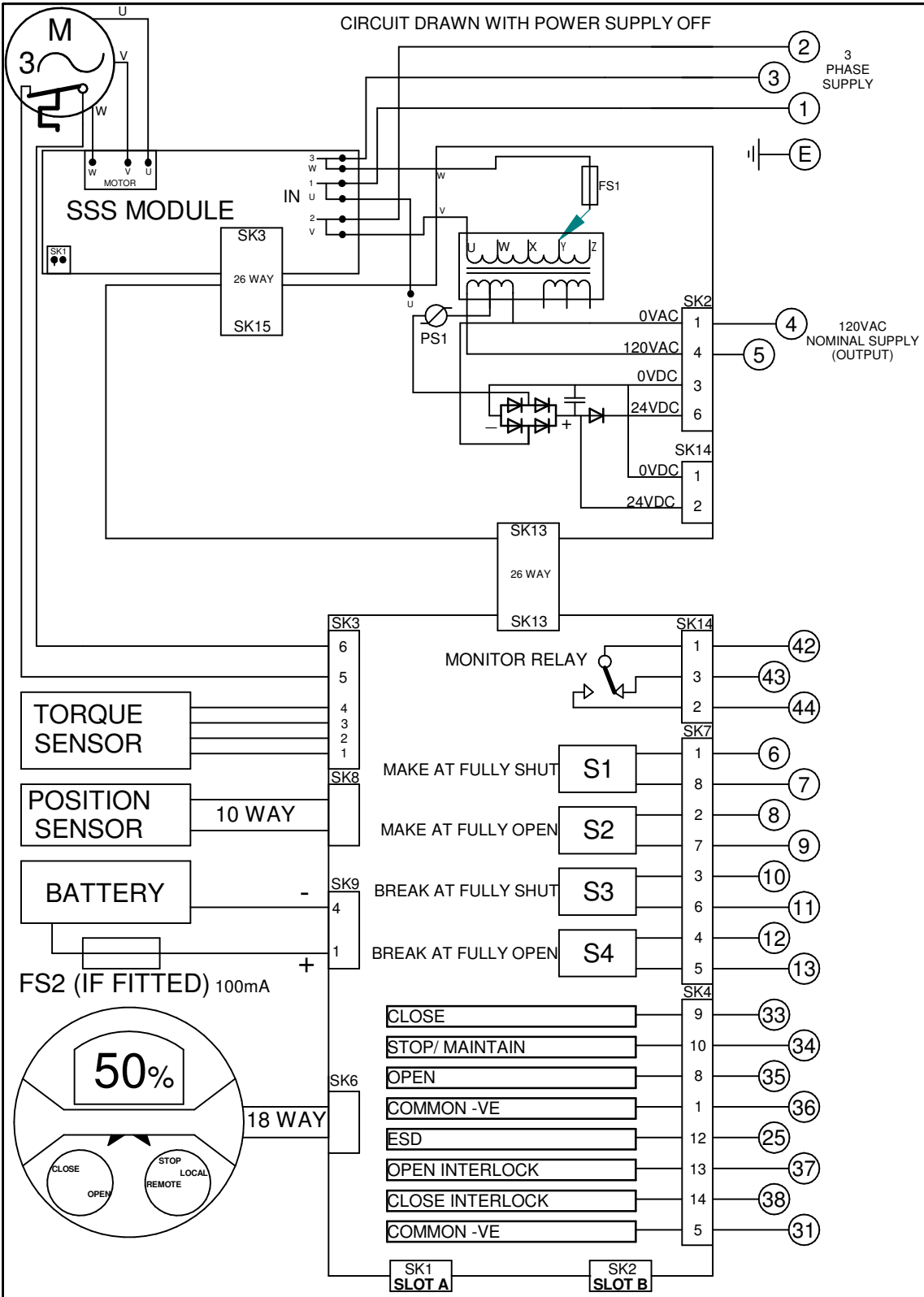


CIRCUIT DRAWN WITH POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL  
DETAILS, SEE DOCUMENT  
**RWS101**



TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
TYPE 1	
W	220/230
X	380/400
Y	400,415/420
Z	440/460
FUSE FS1=250mA ANTI-SURGE	
TYPE 2	
W	346/380
X	480/500
Y	240/240
Z	550/575
FUSE FS1=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.

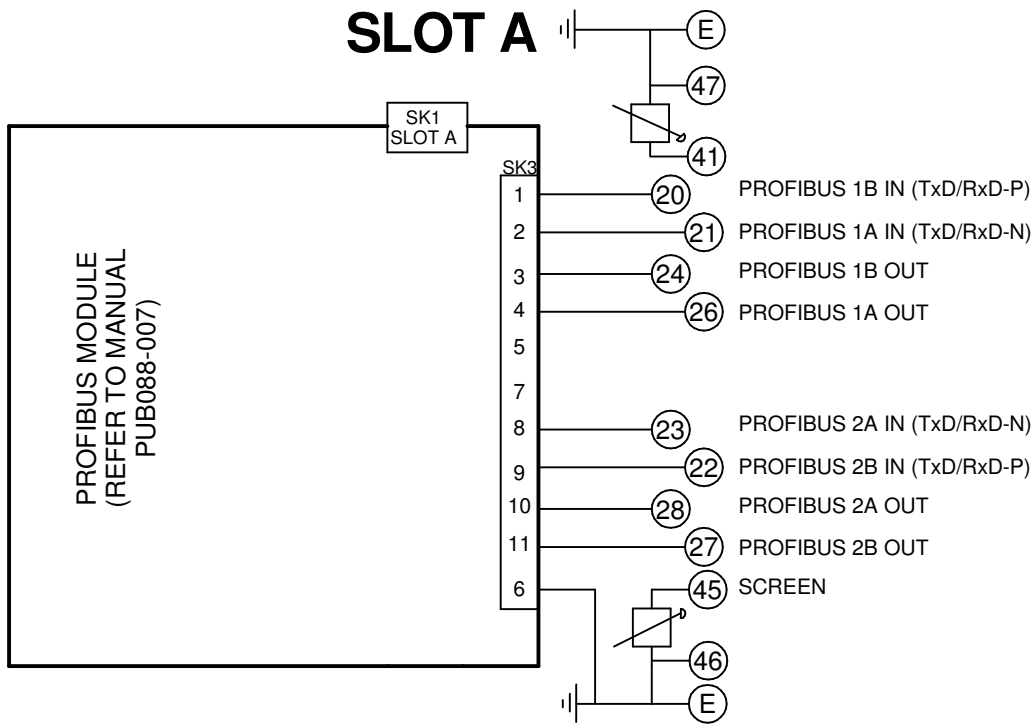
Iss	Date	Chkd	Revision Details
1	050914	JC1	First Issue.
2	030816	PW	Updated notes on page 2 for modulating.
3	250718	PJW	PROFIBUS PUB SHT2 UPDATED WAS PUB008-005

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IQM + 120VAC CUSTOMER SUPPLY + DUAL CHANNEL PROFIBUS MODULE.

Drawn by: PJW Date : 050914 Base WD: 210P3000 Job No : - - MI No : - -	Circuit Diagram Number <b>210P3000</b>	Issue No <b>3</b> Sheet <b>1</b> of 2
B1 C1 B2 C2		



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" ≥16Vdc / "off" ≤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:
- NOT Intended for remote control.
- Max external load 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
<b>210P3000</b>	<b>3</b>	<b>2</b>
		of 2