

Iss	Date	Chkd	Revision Details
2	041113	PMJ	Fuse requirements for low and high voltage included. Fuse comment updated.
3	180614	MR	Note 1 added to sheet 2
4	020916	PW	Updated page 2 to show correct termination SW1
5	240718	PJW	PROFIBUS PUB SHT2 UPDATED WAS PUB008-005
6	260918	DH	"TERMINATION" removed from SW1 on Sht 2.

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IQ SINGLE PHASE + SINGLE CHANNEL PROFIBUS MODULE + PROFIBUS DISCONNECT & TIMER.

Drawn by: PJW  
Date : 180313  
Base WD: 120P2005  
Job No : - -  
MI No : - -

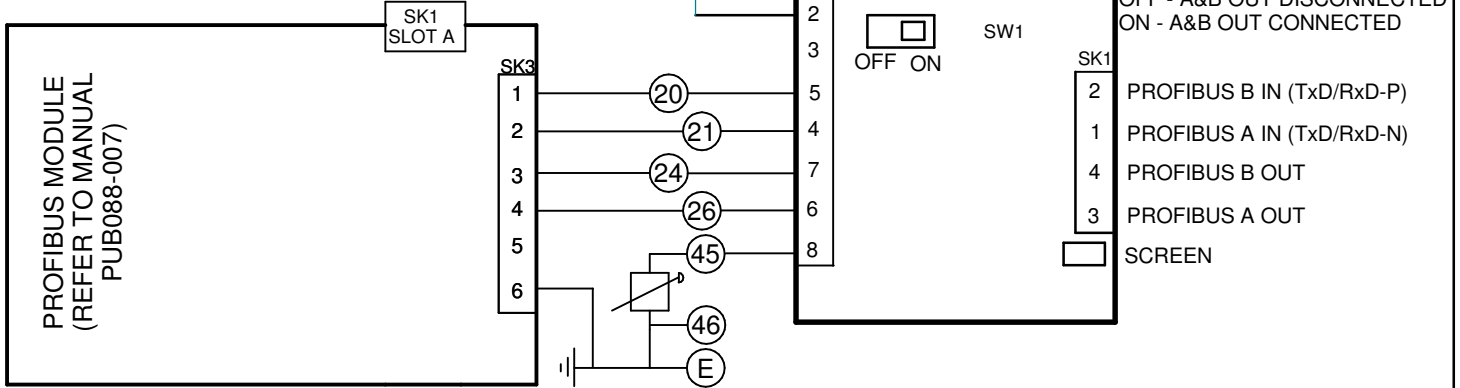
Circuit Diagram Number		Issue No	Sheet
120P2005		6	1
B1	C1	B2	C2

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 and AC control, connect -ve/0V to terminal 36.
- (For negative switch / positive common, refer to RWS indicated).
- Control signal threshold voltages:
  - DC: "on"  $\geq 16Vdc$  / "off"  $\leq 8Vdc$ , max 60Vdc.
  - AC: "on"  $\geq 60Vac$  / "off"  $\leq 40Vac$ , 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.

See Sheet 1 for all Revision details/information

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