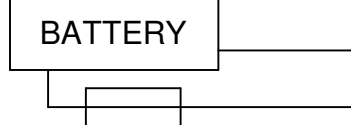


FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT
RWS100

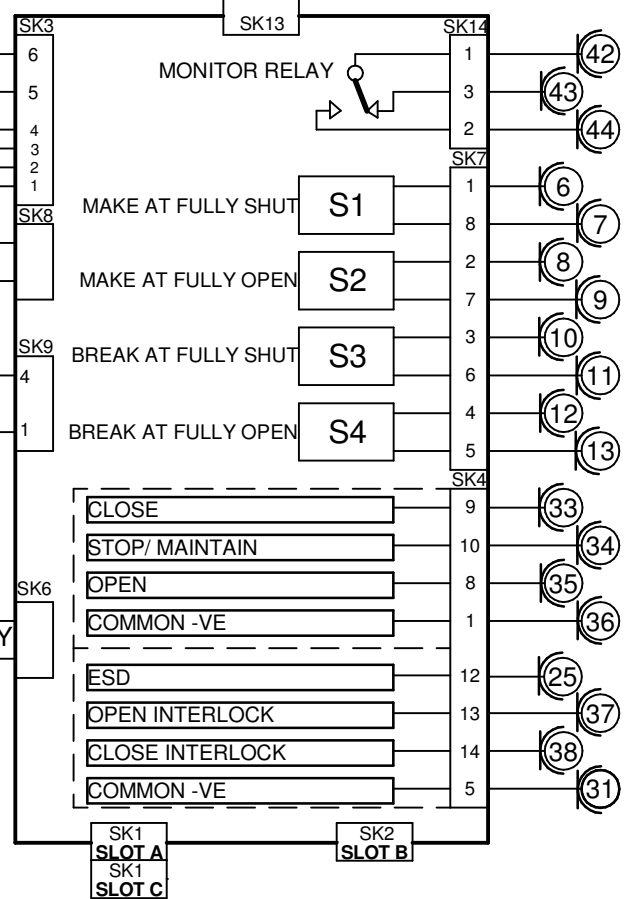
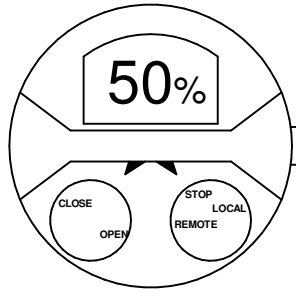
TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
TYPE 1	
W	220/230
X	380/400
Y	400,415/420
Z	440/460
FUSE FS 1=250mA ANTI-SURGE	
TYPE 2	
W	346/380
X	480/500
Y	240/240
Z	550/575
FUSE FS 1=250mA ANTI-SURGE	
TYPE 3	
X	660/660-690
Y	690/-
FUSE FS 1=150mA ANTI-SURGE	

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

PLUG & SOCKET CONNECTION



FS2 (IF FITTED) 100mA



Iss	Date	Chkd	Revision Details
1	110517	JC1	FIRST ISSUE.
2	180618	JC1	Plug & socket network note added sht.2
3	240718	PJW	PROFIBUS PUB SHT2 UPDATED WAS PUB008-005

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NY 14624, USA
Tel:585-247-2304

IQ + EXTRA RELAY + DUAL CHANNEL PROFIBUS
MODULE + CPT + PLUG & SOCKET

Drawn by: PJW
Date : 110517
Base WD: 101P3012
Job No : --
MI No : --

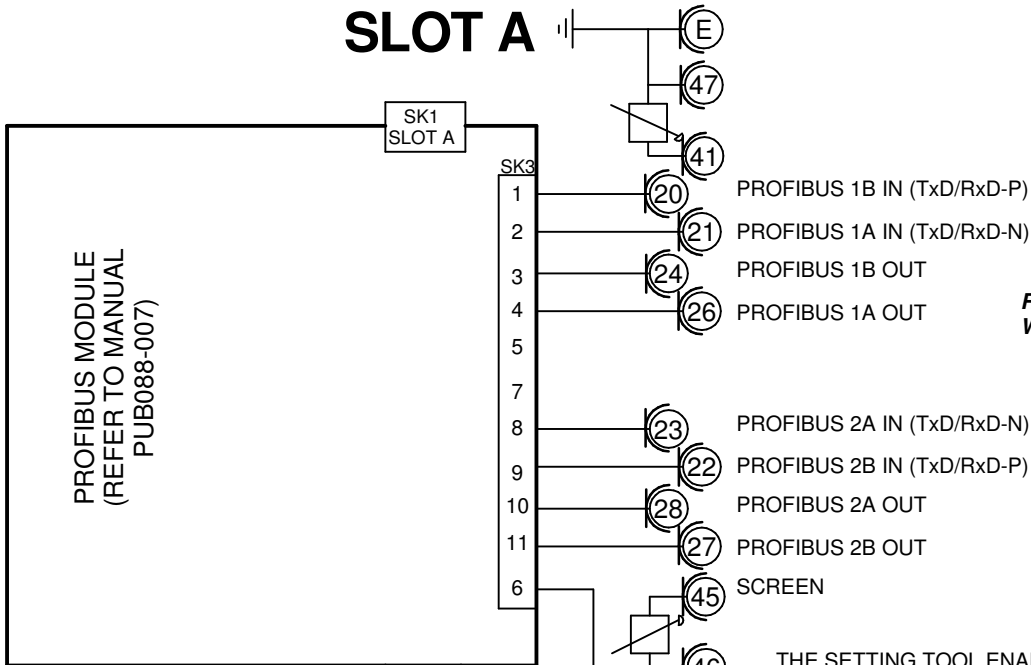
Circuit Diagram Number
101P3012

Issue No
3

Sheet
1
of 2

B1|C1|B2|C2|B1|C1|M1|V1

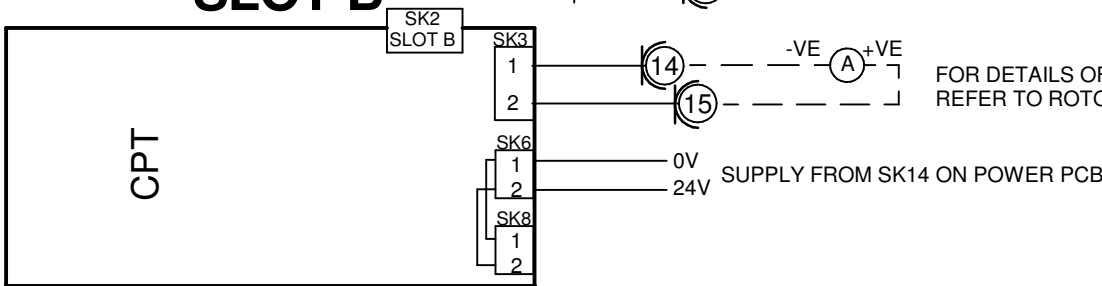
SLOT A



REMOVAL OF THE PLUG & SOCKET WILL BREAK THE PROFIBUS NETWORK.

THE SETTING TOOL ENABLES THE PROFIBUS ADDRESS TO BE CONFIGURED.

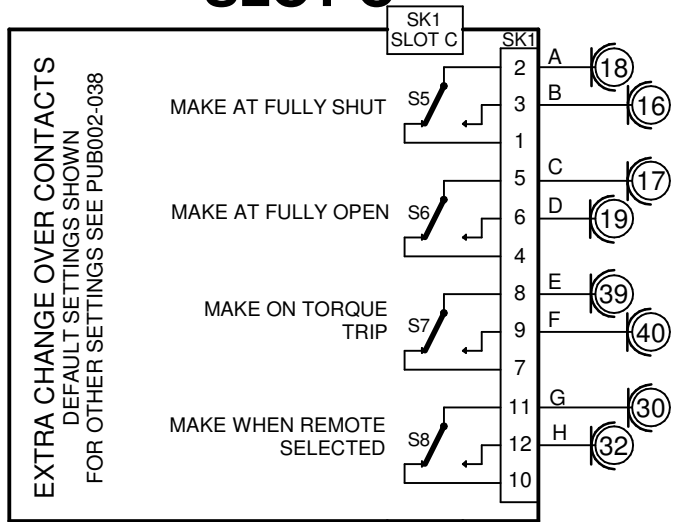
SLOT B



FOR DETAILS OF CPT FUNCTIONS REFER TO ROTORK PUBLICATION PUB002-041

SUPPLY FROM SK14 ON POWER PCB

SLOT C



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" ≥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.