

FOR TYPICAL REMOTE CONTROL  
DETAILS, SEE DOCUMENT  
**RWS102**

TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
W	200
X	220
Y	400
Z	440

FUZE FS1=250mA ANTI-SURGE

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

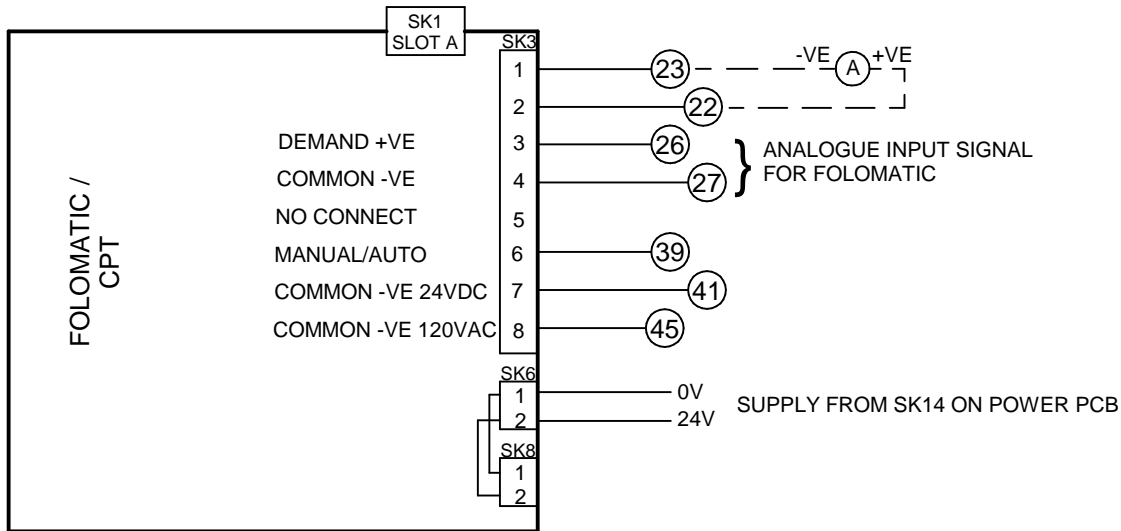
Iss	Date	Chkd	Revision Details
1	100214	PJW	First Issue.
2	050314	PJW	WD wasnt showing SSS
3	230614	MR	Note 1 added to sheet 2

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IQM + FOLOMATIC + CPT + INDICATION RELAYS JAPAN DIAGRAM		
Drawn by: JC1	Circuit Diagram Number	Issue No
Date : 100214	<b>603B0000</b>	<b>3</b>
Base WD: 603B0000		
Job No : --		Sheet
MI No : --		1 of 2

# SLOT A



FOR MANUAL/AUTO CONNECTIONS AND  
DETAILS OF FOLOMATIC/CPT FUNCTIONS  
REFER TO ROTORK PUBLICATION PUB002-041

## 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.