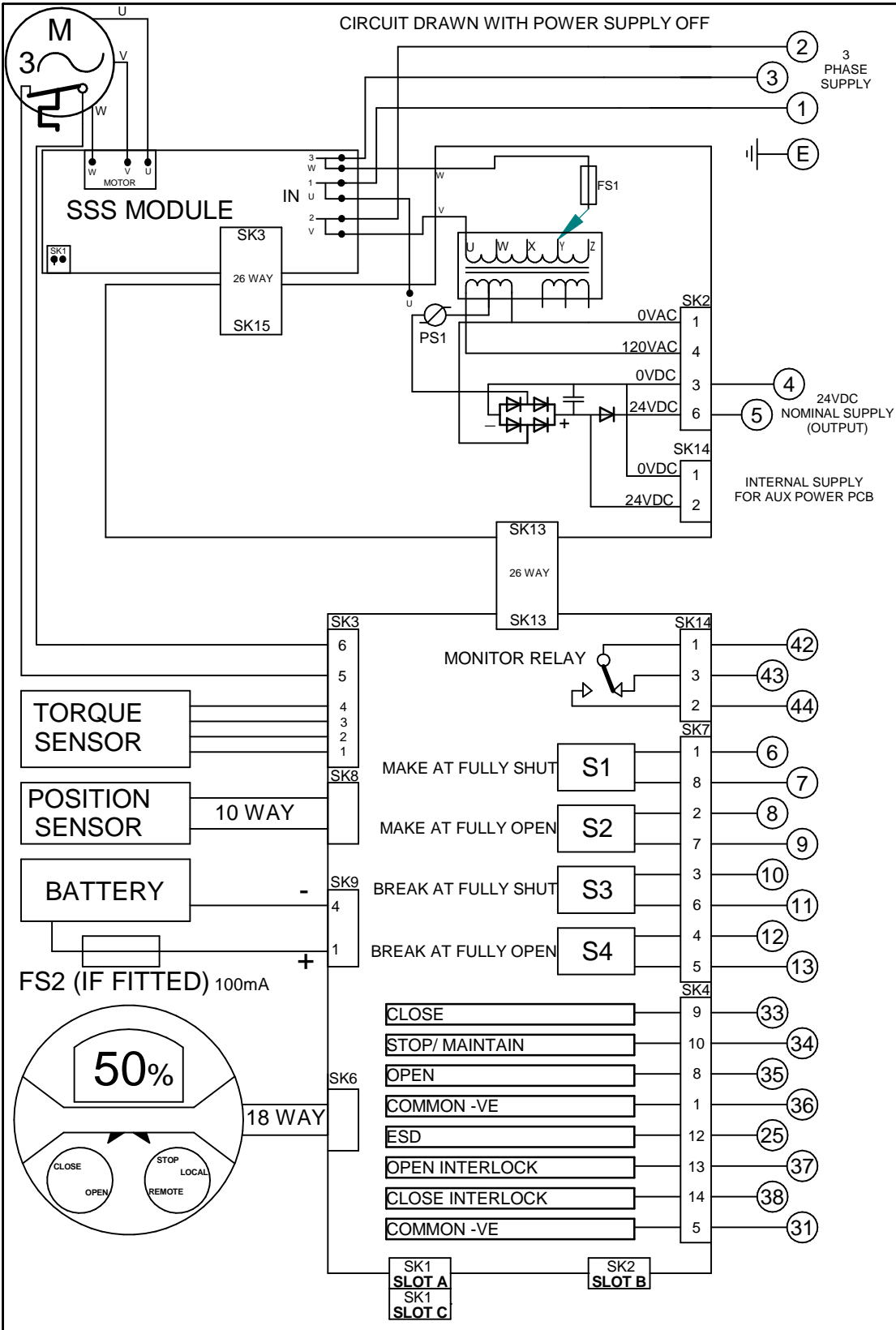


CIRCUIT DRAWN WITH POWER SUPPLY OFF

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

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	



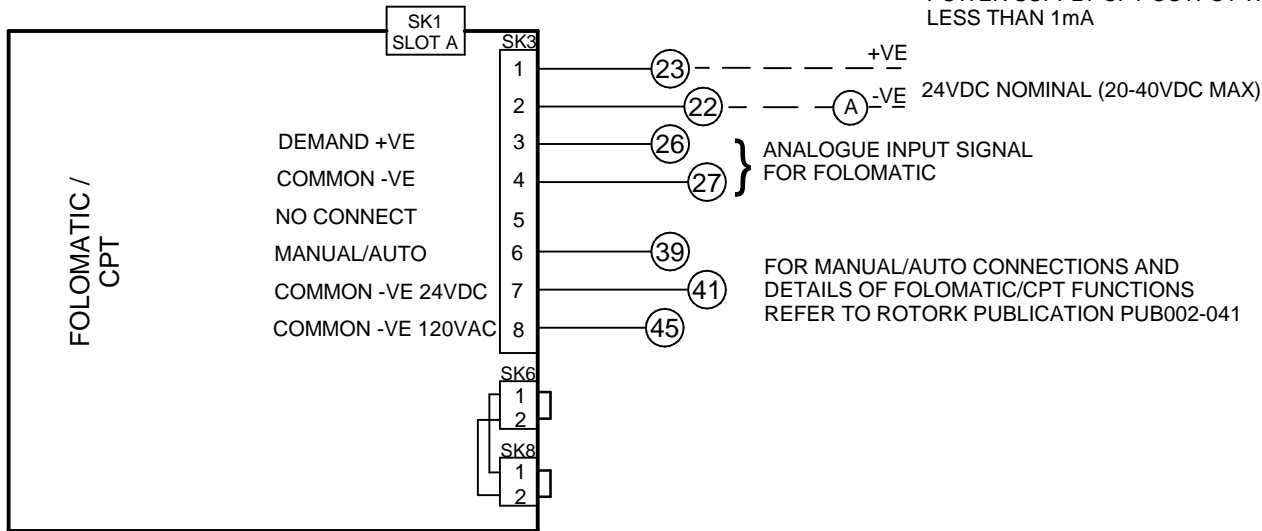
REFER TO SHEET 2 FOR NOTES  
& OPTION PCB'S IF FITTED

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.

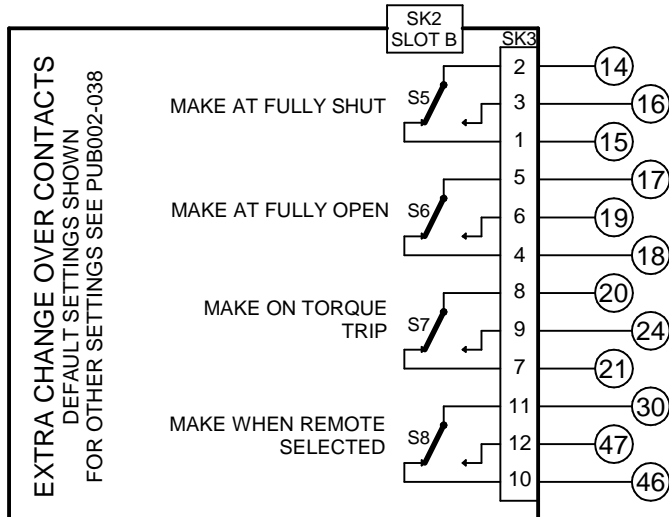
Iss	Date	Chkd	Revision Details	<b>www.rotork.com</b>	IQM + FOLOMATIC + EXT PWR CPT + AUX POWER + EXTRA RELAYS S5-S8	Circuit Diagram Number <b>207B1010</b>	Issue No <b>3</b>	Sheet <b>1</b> of 2
1	120115	JC1	First Issue.					
2	130616	PW	Updated notes on page 2.					
3	070717	JC1	Loop powered CPT note sht.2 corrected.	Rotork Controls Ltd BATH, BA1 3JQ ENGLAND Tel:01225-733200	Rotork Controls Inc ROCHESTER NY 14624, USA Tel:585-247-2304	Drawn by: PJW Date : 120115 Base WD: 207B1010 Job No : -- MI No : --	B1 C1 B2 C2 B1 C1 M1 V1	

# SLOT A

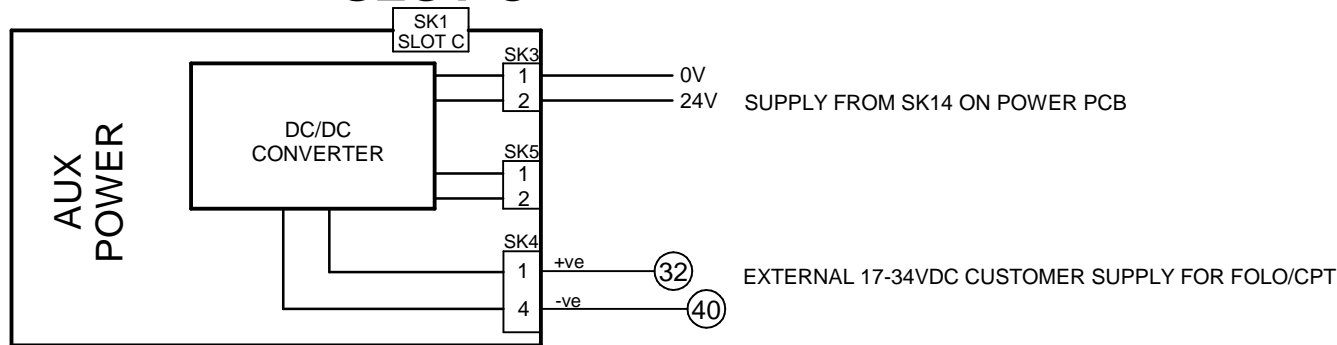
NOTE - UNDER LOSS OF AC POWER & NO AUX POWER SUPPLY CPT OUTPUT WILL GO TO LESS THAN 1mA



# SLOT B



# 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 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:
    - 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.