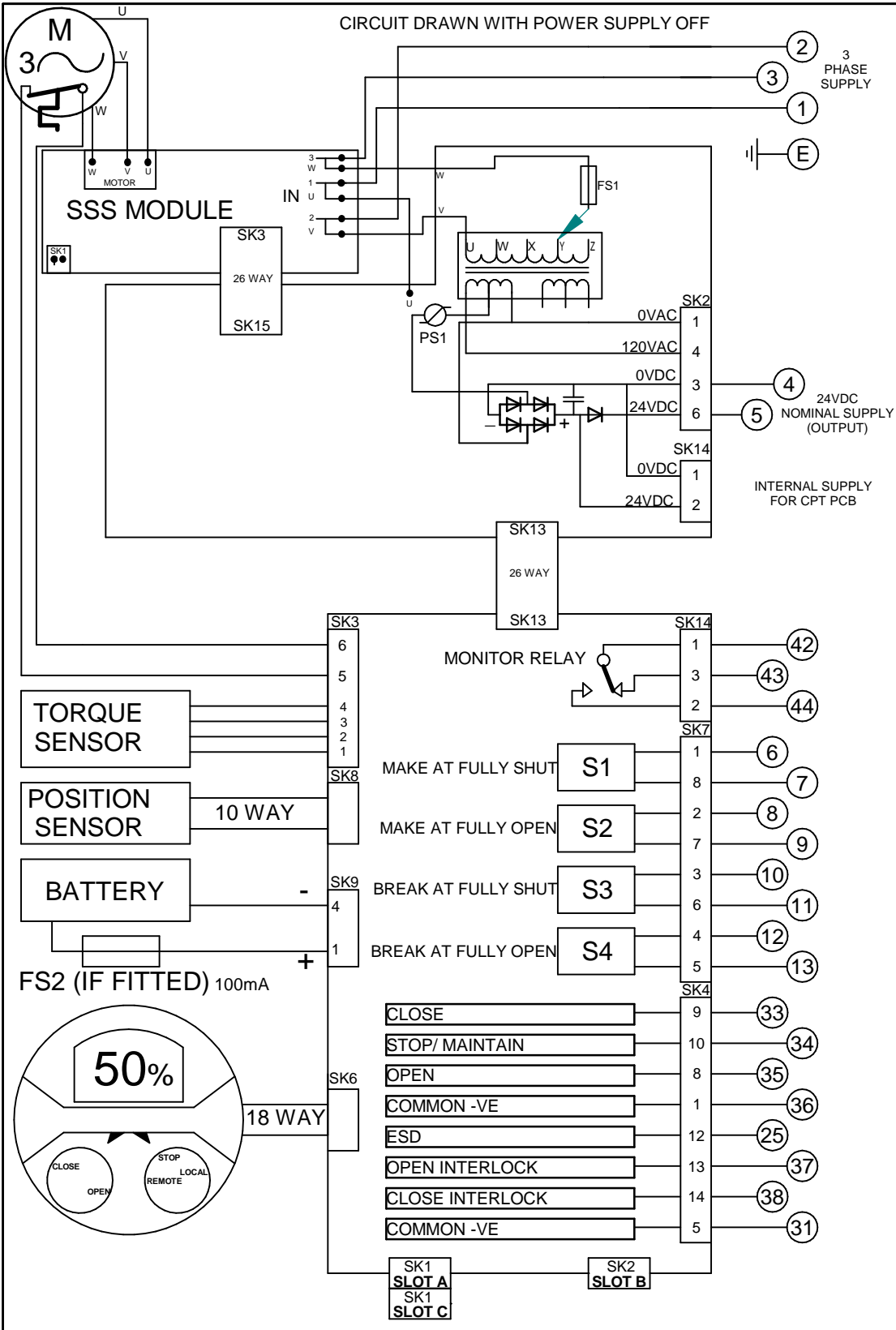


CIRCUIT DRAWN WITH POWER SUPPLY OFF

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	



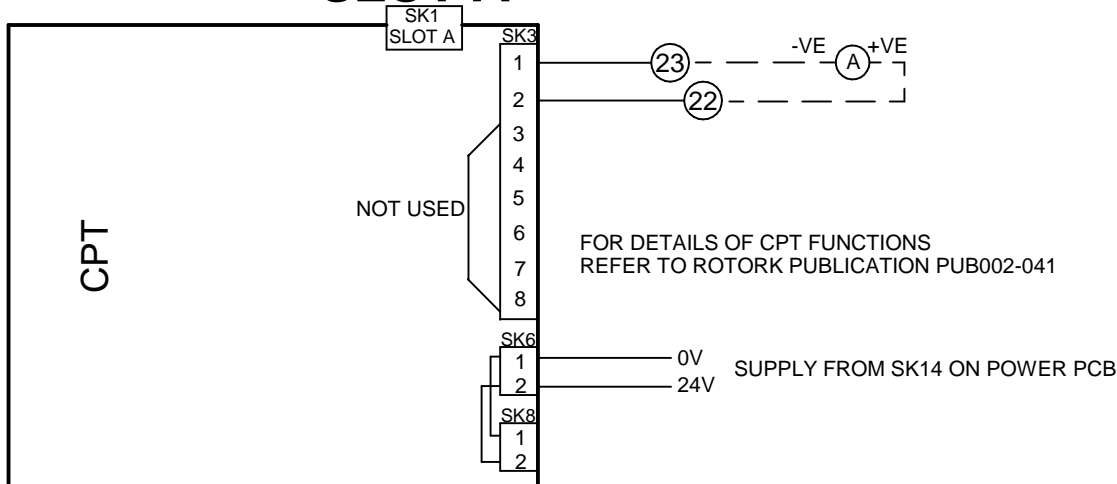
REFER TO SHEET 2 FOR NOTES  
& OPTION PCB'S IF FITTED

THE ACTUATOR MUST BE  
PROTECTED USING SUITABLY  
RATED HIGH SPEED  
SEMI-CONDUCTOR FUSES ON THE  
INCOMING SUPPLY.

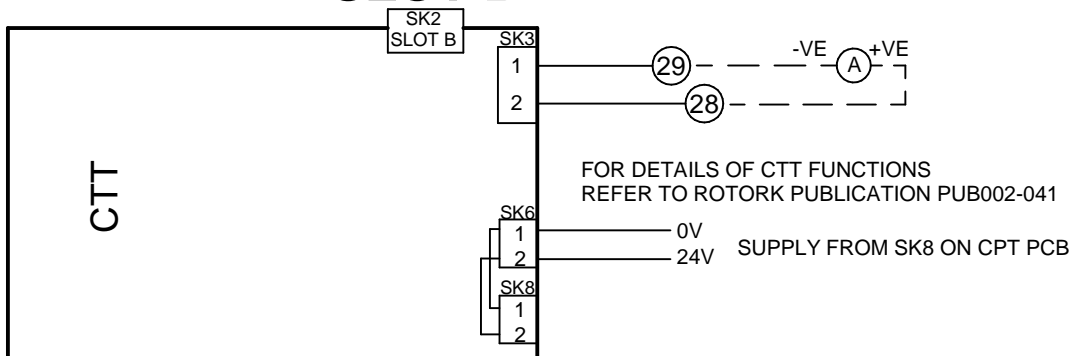
SUGGESTED FUSES :-  
IQ10-20:10 Amp FERRAZ G330010  
IQ25-35:20 Amp FERRAZ K330013  
ALTERNATIVES =  
IQ10-20:10 Amp SIBA 50-179-06/10A  
IQ25-35:20 Amp SIBA 50-179-06/20A  
OR EQUIVALENT PROTECTIVE  
DEVICE.

Iss	Date	Chkd	Revision Details	<b>www.rotork.com</b>	IQM + CPT + CTT + EXTRA RELAYS S5-S8																	
1	130116	JC1	First Issue.		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 : 130116 Base WD: 202B0010 Job No : -- MI No : --															
2	130616	PW	Updated notes on page 2.			<table border="1"> <tr> <td colspan="2">Circuit Diagram Number</td> <td>Issue No</td> <td>Sheet</td> </tr> <tr> <td colspan="2" style="text-align:center"><b>202B0010</b></td> <td style="text-align:center"><b>2</b></td> <td style="text-align:center"><b>1</b></td> </tr> <tr> <td>B1</td> <td>C1</td> <td>B2</td> <td>C2</td> </tr> <tr> <td>B1</td> <td>C1</td> <td>M1</td> <td>V1</td> </tr> </table>	Circuit Diagram Number		Issue No	Sheet	<b>202B0010</b>		<b>2</b>	<b>1</b>	B1	C1	B2	C2	B1	C1	M1	V1
Circuit Diagram Number		Issue No	Sheet																			
<b>202B0010</b>		<b>2</b>	<b>1</b>																			
B1	C1	B2	C2																			
B1	C1	M1	V1																			

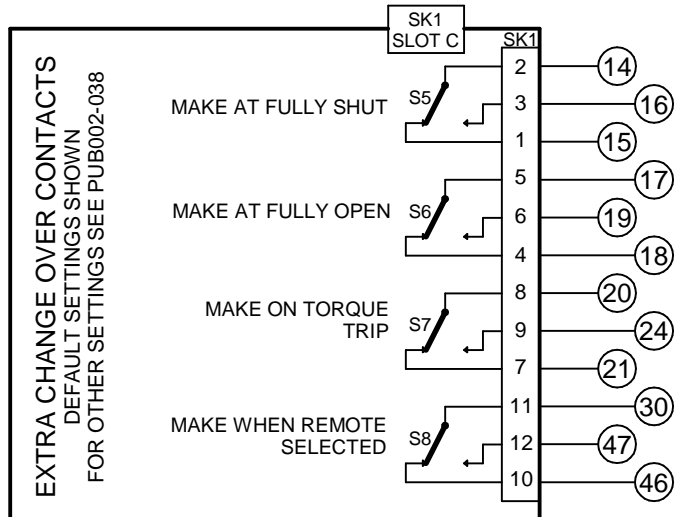
## SLOT A



## 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 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.
  - 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.