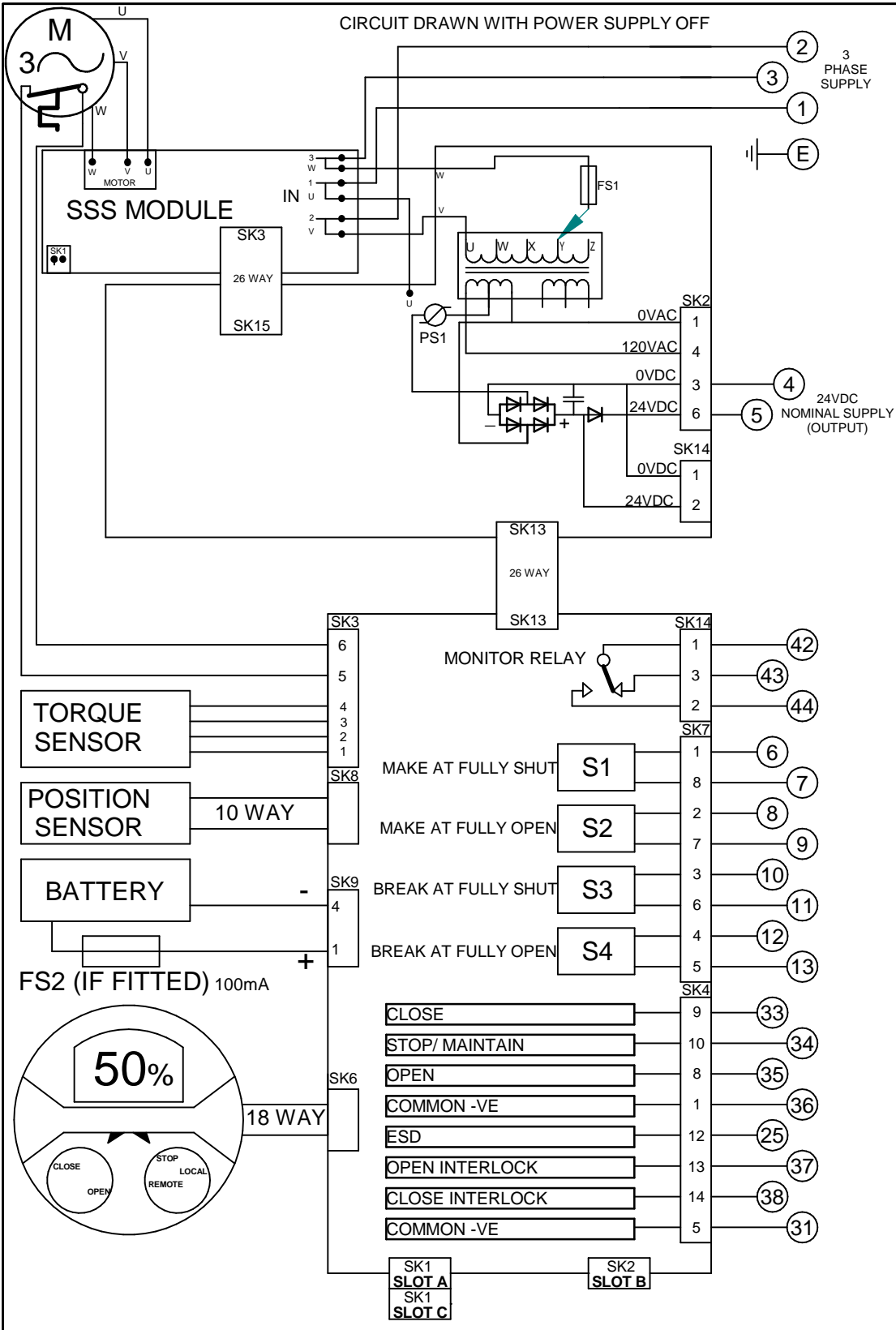


CIRCUIT DRAWN WITH POWER SUPPLY OFF

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	

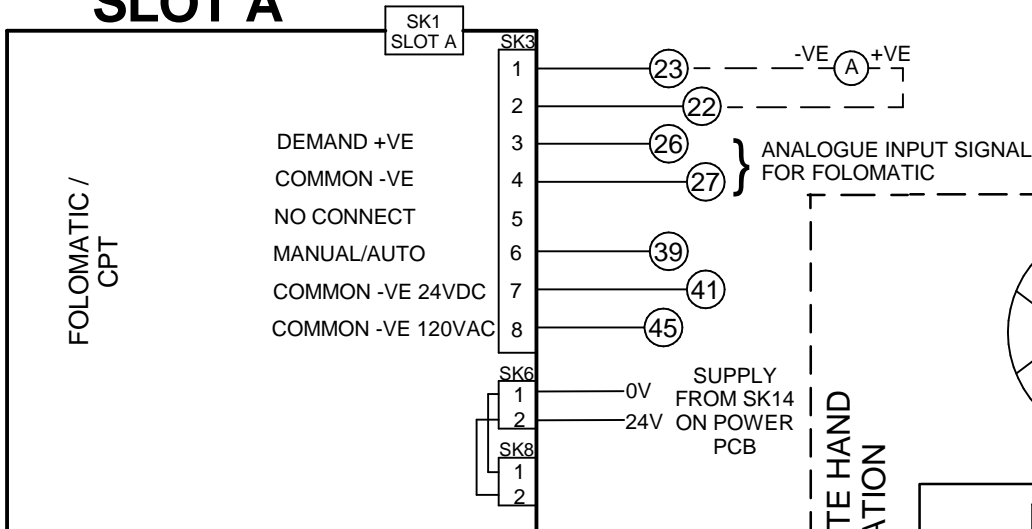


REFER TO SHEET 2 FOR NOTES
& OPTION PCB'S IF FITTED

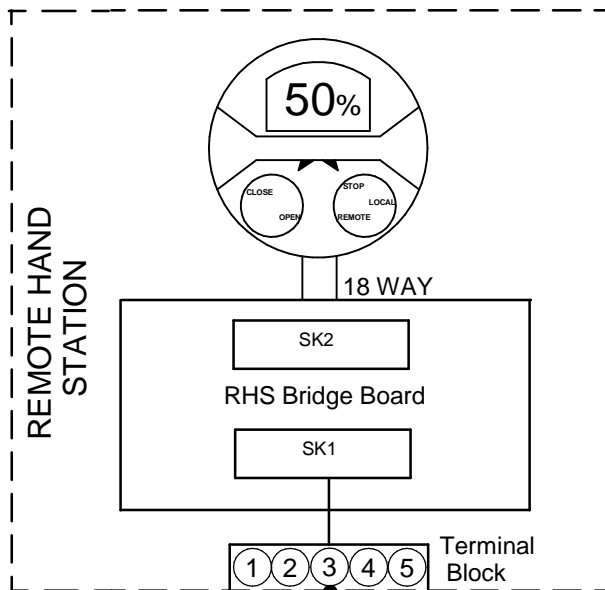
THE ACTUATOR MUST BE
PROTECTED USING SUITABLY
RATED HIGH SPEED
SEMI-CONDUCTOR FUSES ON THE
INCOMING SUPPLY.
SUGGESTED FUSES :-
IQ10-20:10 Amp FERRAZ G330010
IQ25-35:20 Amp FERRAZ K330013
ALTERNATIVES =
IQ10-20:10 Amp SIBA 50-179-06/10A
IQ25-35:20 Amp SIBA 50-179-06/20A
OR EQUIVALENT PROTECTIVE
DEVICE.

Iss	Date	Chkd	Revision Details	www.rotork.com	IQM + FOLOMATIC + CPT+ EXTRA RELAYS + RHS																	
1	140415	PJW	First Issue.		Rotork Controls Ltd	Rotork Controls Inc	Drawn by: JJB															
2	140515	WJH	CAN description: "+24 (RHS)" and "0V (RHS)" was "24V (V_CUST)" & "GND" respectively.		BATH, BA1 3JQ ENGLAND	ROCHESTER NY 14624, USA	Date : 140415 Base WD: 203B0016 Job No : -- MI No : --															
3	130616	PW	Updated notes on page 2.	Tel:01225-733200	Tel:585-247-2304	<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">203B0016</td> <td style="text-align:center">3</td> <td style="text-align:center">1</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	203B0016		3	1	B1	C1	B2	C2	B1	C1	M1	V1
Circuit Diagram Number		Issue No	Sheet																			
203B0016		3	1																			
B1	C1	B2	C2																			
B1	C1	M1	V1																			

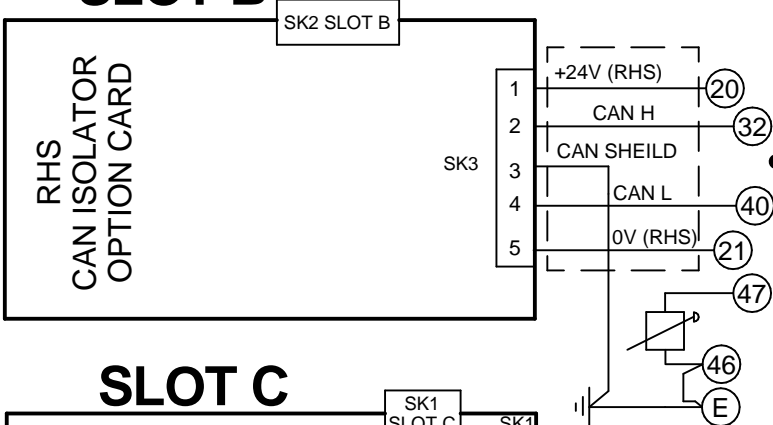
SLOT A



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

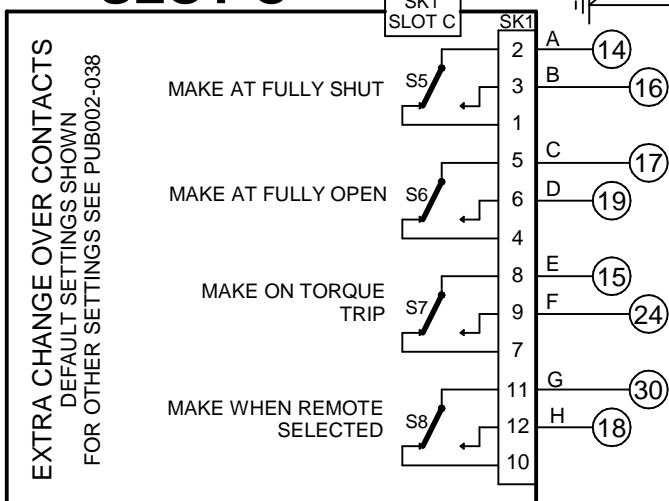


SLOT B



RHS CABLE IS CUSTOMER SUPPLIED, FOR SPECIFICATION SEE PUB002-059, MAXIMUM LENGTH OF CABLE TO BE 100m.

SLOT C



Actuator Bung No.	RHS Terminal Block No.	Function
20	1	+24V (RHS)
21	2	0V (RHS)
32	3	CAN H
40	4	CAN L
47	5	SHEILD

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.