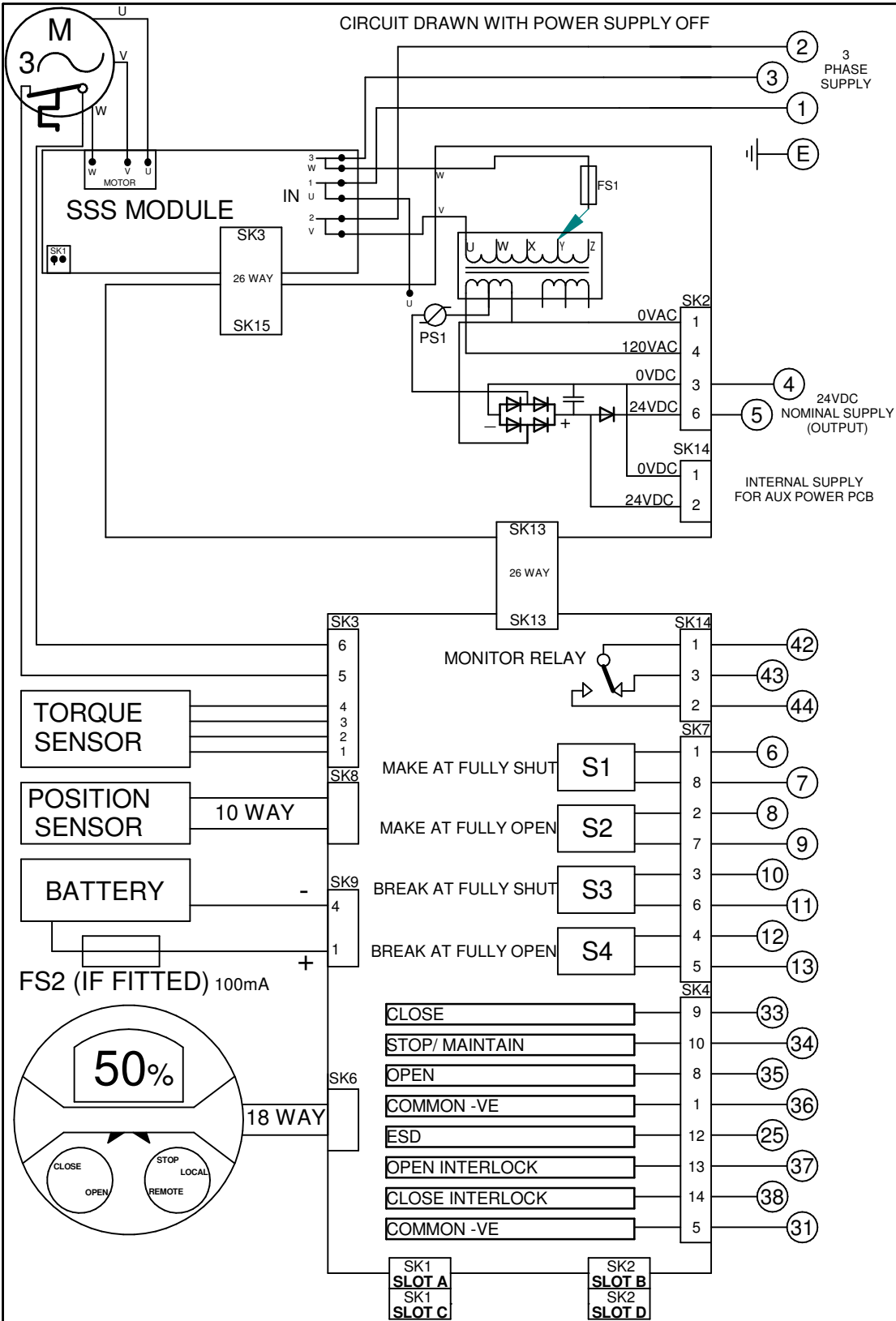


CIRCUIT DRAWN WITH POWER SUPPLY OFF

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	



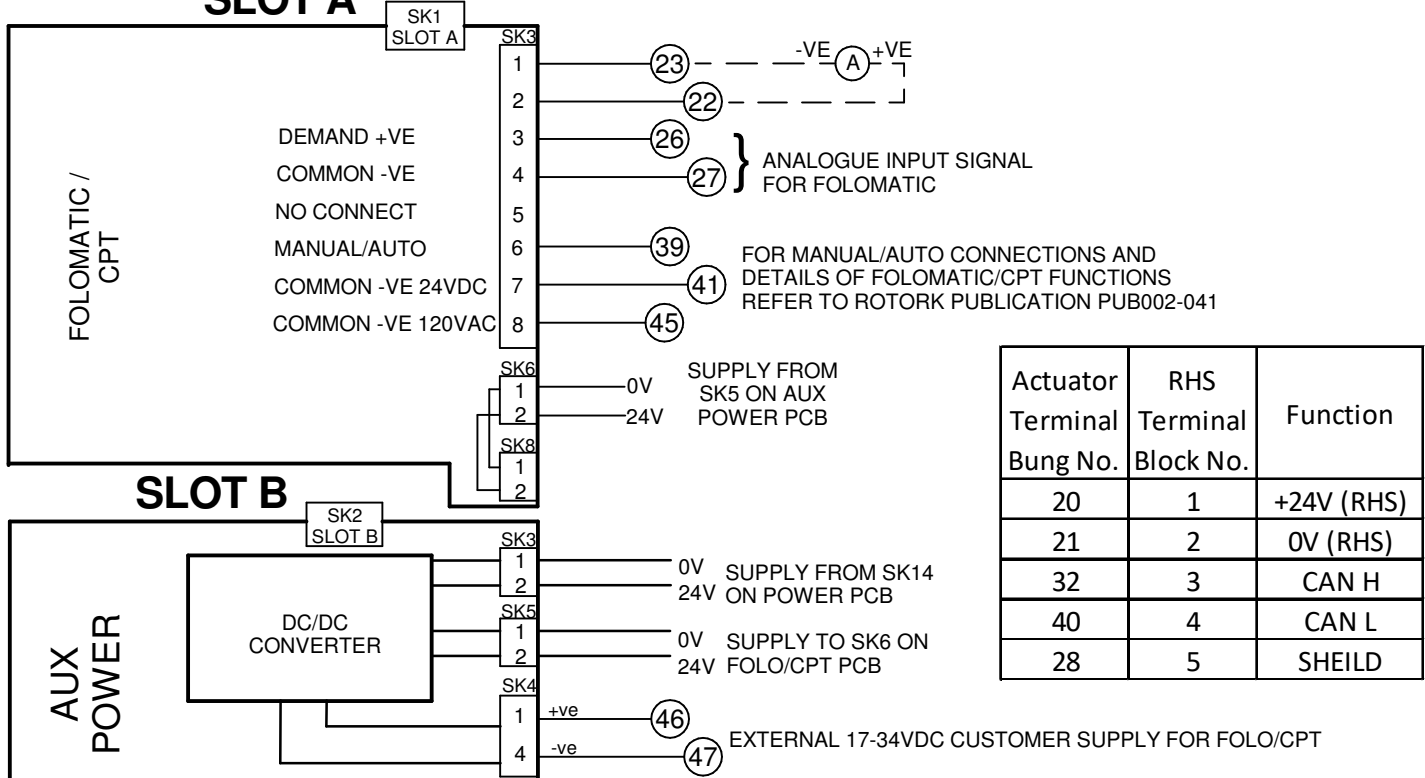
REFER TO SHEET 2 FOR NOTES
& OPTION PCB'S IF FITTED

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 1	Date 130618	Chkd JC1	Revision Details First Issue	www.rotork.com ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel:01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel:585-247-2304	IQM + FOLOMATIC + CPT + AUX POWER + EXTRA RELAYS S5-S8 + RHS Drawn by: PJW Date : 130618 Base WD: 203B1016 Job No : -- MI No : --	Circuit Diagram Number 203B1016	Issue No 1	Sheet 1 of 2
B1 C1 B2 C2 B1 C1 M1 V1									

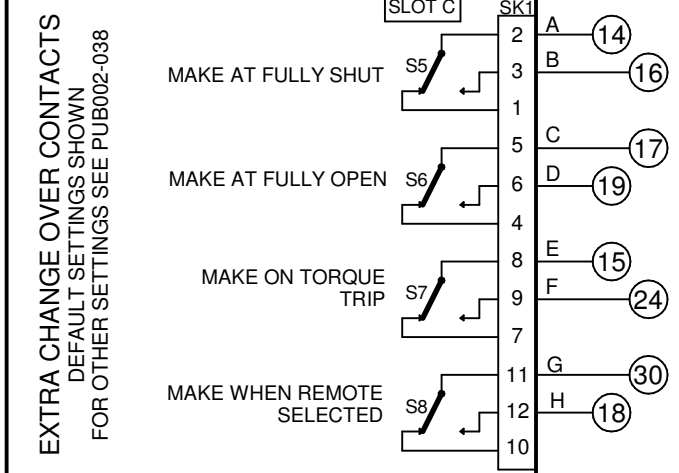
SLOT A

CIRCUIT DRAWN WITH POWER SUPPLY OFF

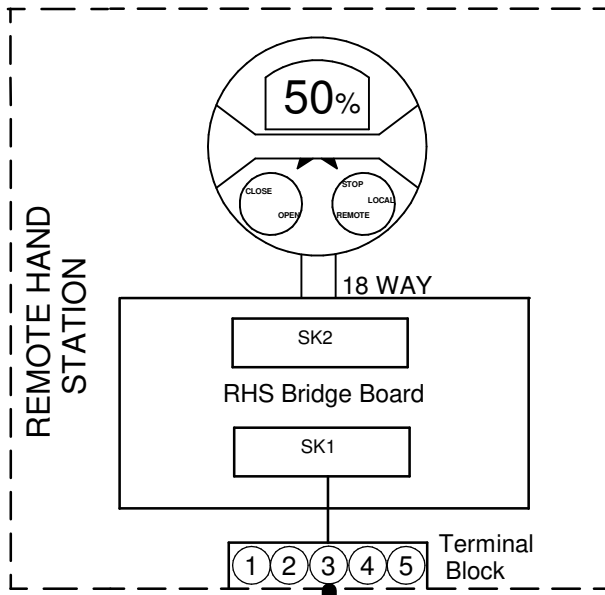
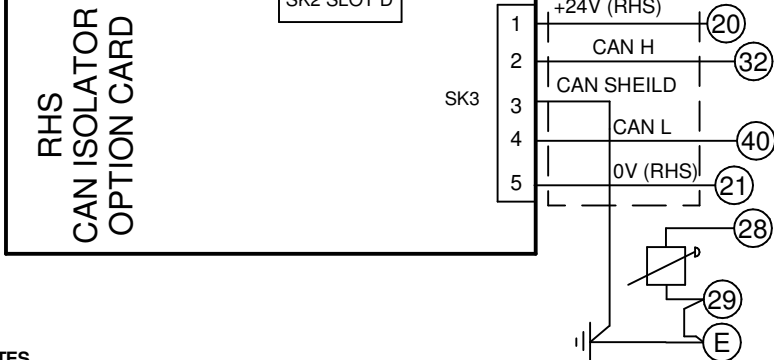


Actuator Terminal Bung No.	RHS Terminal Block No.	Function
20	1	+24V (RHS)
21	2	0V (RHS)
32	3	CAN H
40	4	CAN L
28	5	SHEILD

SLOT C



SLOT D



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

- 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.