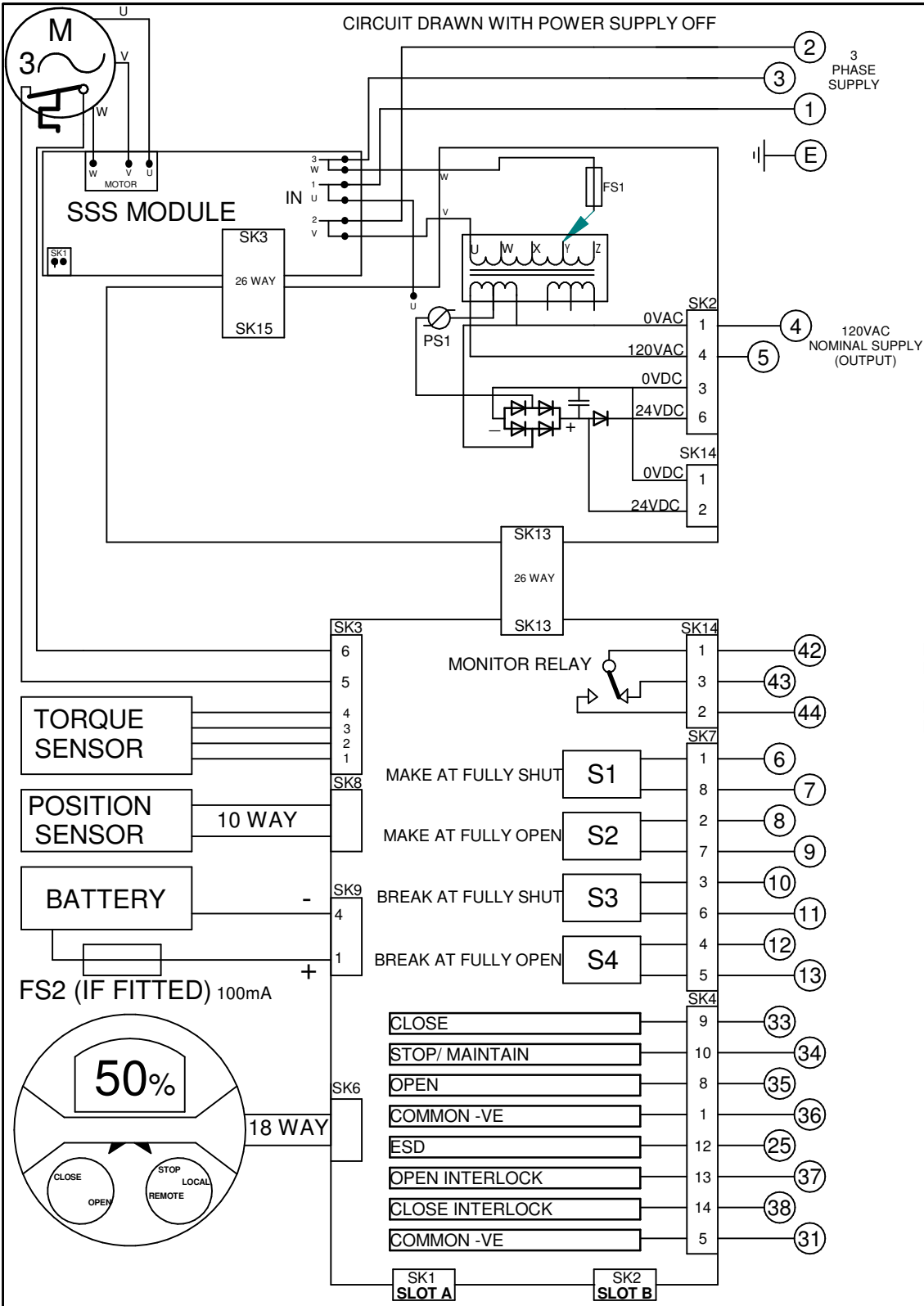


CIRCUIT DRAWN WITH POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS, SEE DOCUMENT
RWS101

TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
TYPE 1	
W	220/230
X	380/400
Y	400,415/420
Z	440/460
FUZE FS1=250mA ANTI-SURGE	
TYPE 2	
W	346/380
X	480/500
Y	240/240
Z	550/575
FUZE FS1=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 :-
IQM10-20:10 Amp FERRAZ G330010
IQM25-35:20 Amp FERRAZ K330013
ALTERNATIVES =
IQM10-20:10 Amp SIBA 50-179-06/10A
IQM25-35:20 Amp SIBA 50-179-06/20A
OR EQUIVALENT PROTECTIVE
DEVICE.

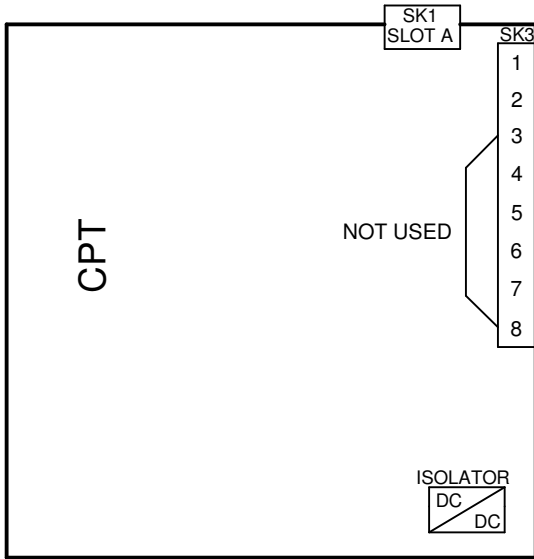
Iss	Date	Chkd	Revision Details
1	020120	PJW	First Issue.

www.rotork.com
 ROTORK CONTROLS LTD
 BATH, BA1 3JQ
 ENGLAND
 Tel:01225-733200
 ROTORK CONTROLS INC
 ROCHESTER
 NY 14624, USA
 Tel:585-247-2304

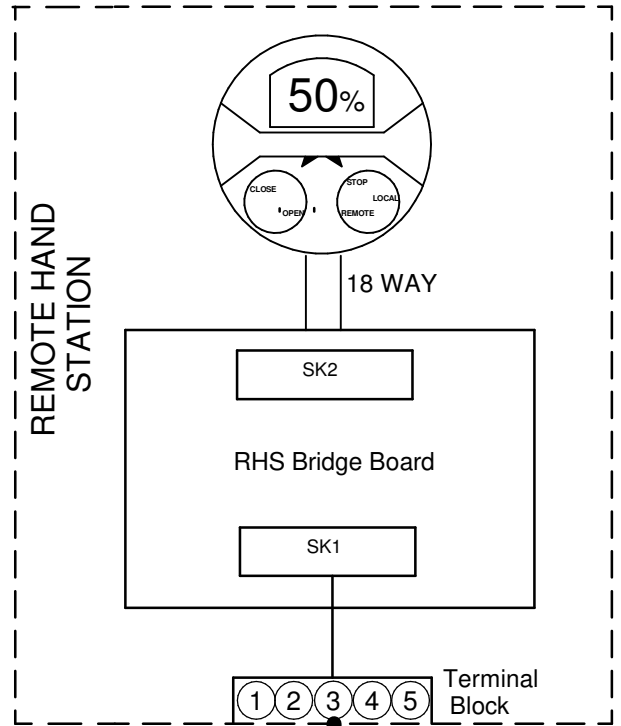
IQM + 120VAC REMOTE CONTROL SUPPLY + CPT + RHS		Circuit Diagram Number 211B0006		Issue No 1	Sheet 1 of 2
Drawn by: PJW	Date : 020120	Base WD: 211B0006	Job No : - -	MI No : - -	

B1	C1	B2	C2						
----	----	----	----	--	--	--	--	--	--

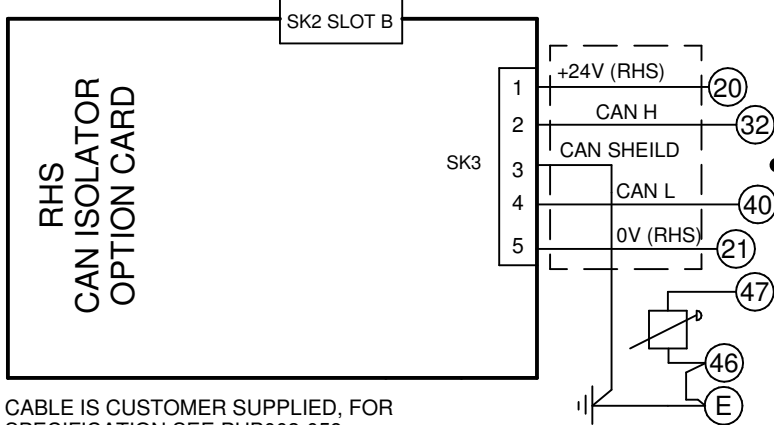
SLOT A



FOR DETAILS OF CPT FUNCTIONS REFER TO ROTORK PUBLICATION PUB002-041



SLOT B



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

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
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 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:
 - NOT Intended for remote control.
 - Max external load 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.