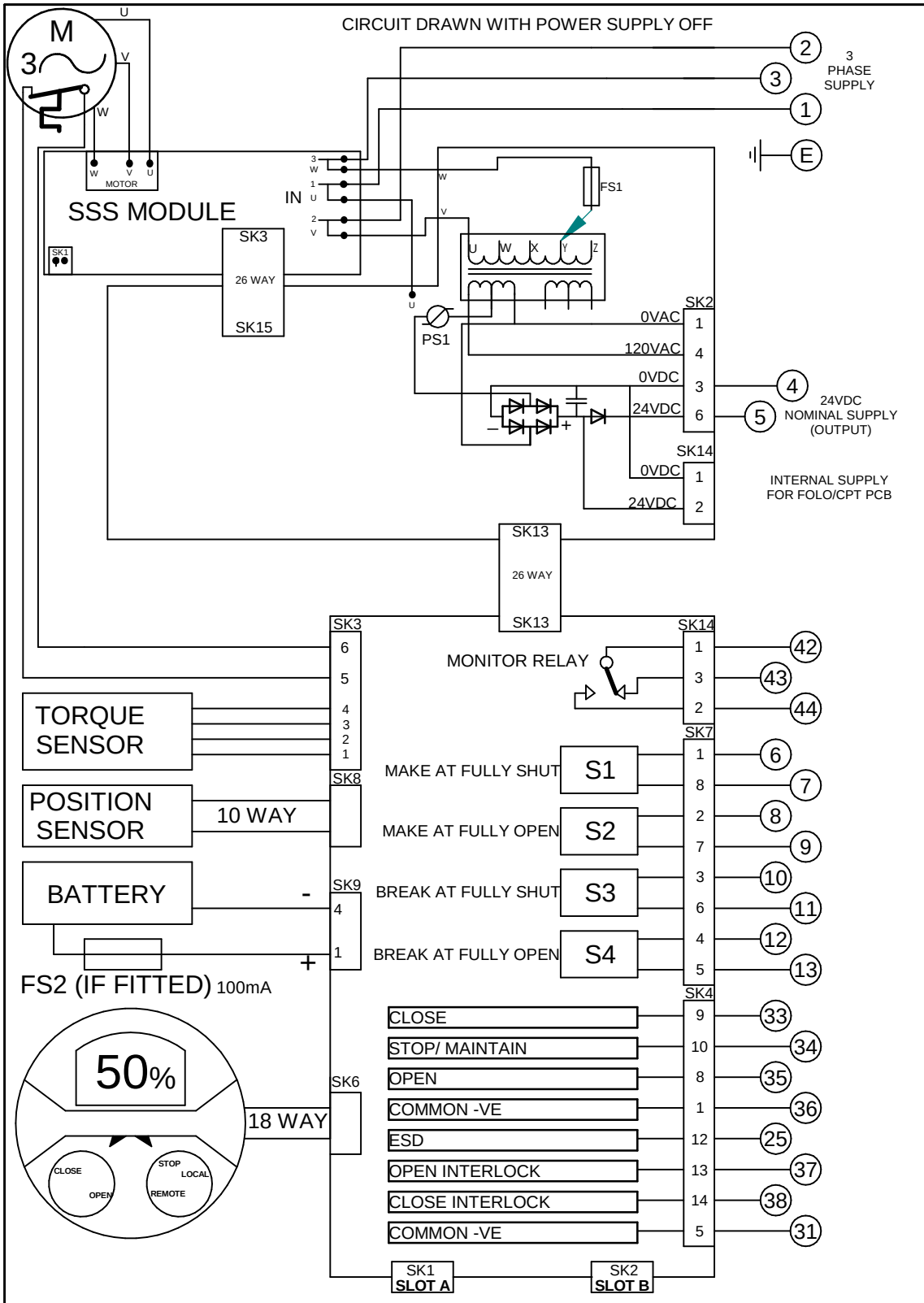

FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT
RWS122

TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
TYPE 1	
W	220/230
X	380/400
Y	400/415/420
Z	440/460
FUSE FS1=250mA ANTI-SURGE	
TYPE 2	
W	346/380
X	480/500
Y	240/240
Z	550/575
FUSE 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 :-
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
1	041113	PJW	First Issue.
2	121113	JC1	Hart demand idents added.
3	270214	PJW	WAS RWS102
4	120614	JBA	Slot A PUB Ref. changed to 003
5	040914	JC1	Note changed - sheet 2
6	130616	PW	Updated notes on page 2.

www.rotork.com

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ROTORK CONTROLS INC
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IQM + FOLO & CPT + HART

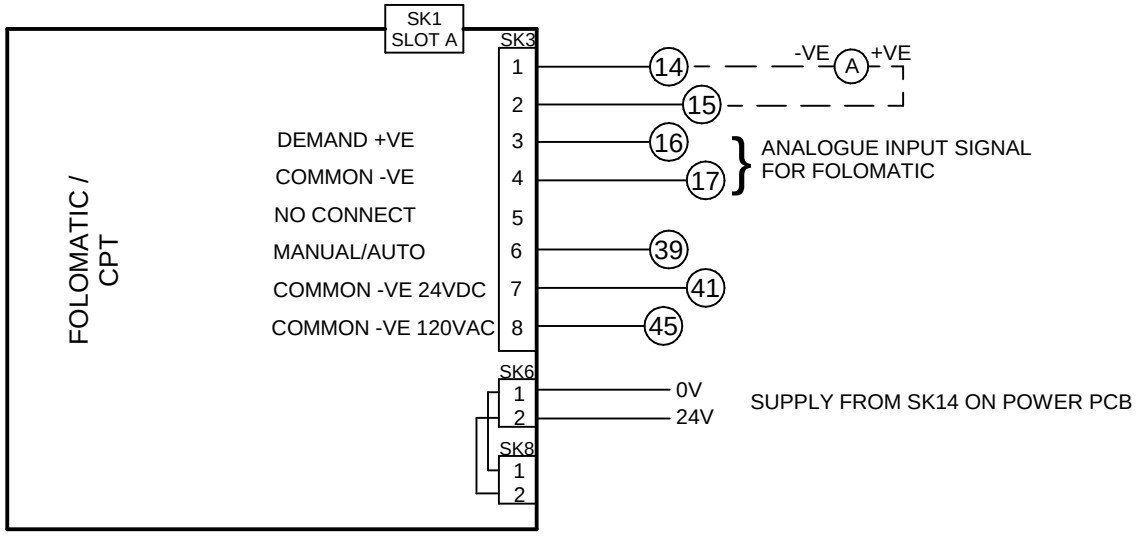
Drawn by: JC1
Date : 041113
Base WD: 203H2000
Job No : - -
MI No : - -

Circuit Diagram Number
203H2000
B1 C1 B2 C2

Issue No 6

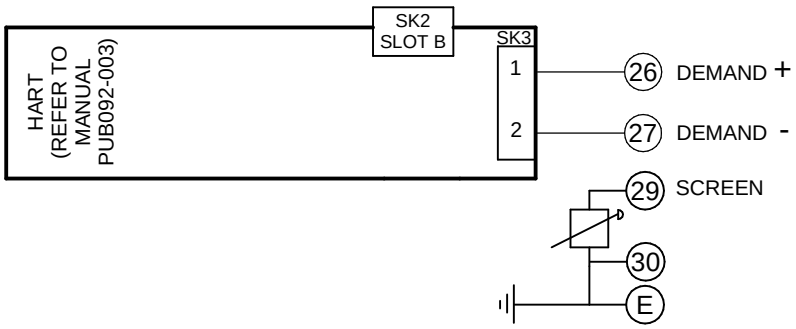
Sheet 1 of 2

SLOT A



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

SLOT B



NOTE
Only 1 source of control can be enabled at one time.
As default the folomatic will have control, selection of the other control source can be made using the manual / auto input on the folomatic card

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 gauaranteed.

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.