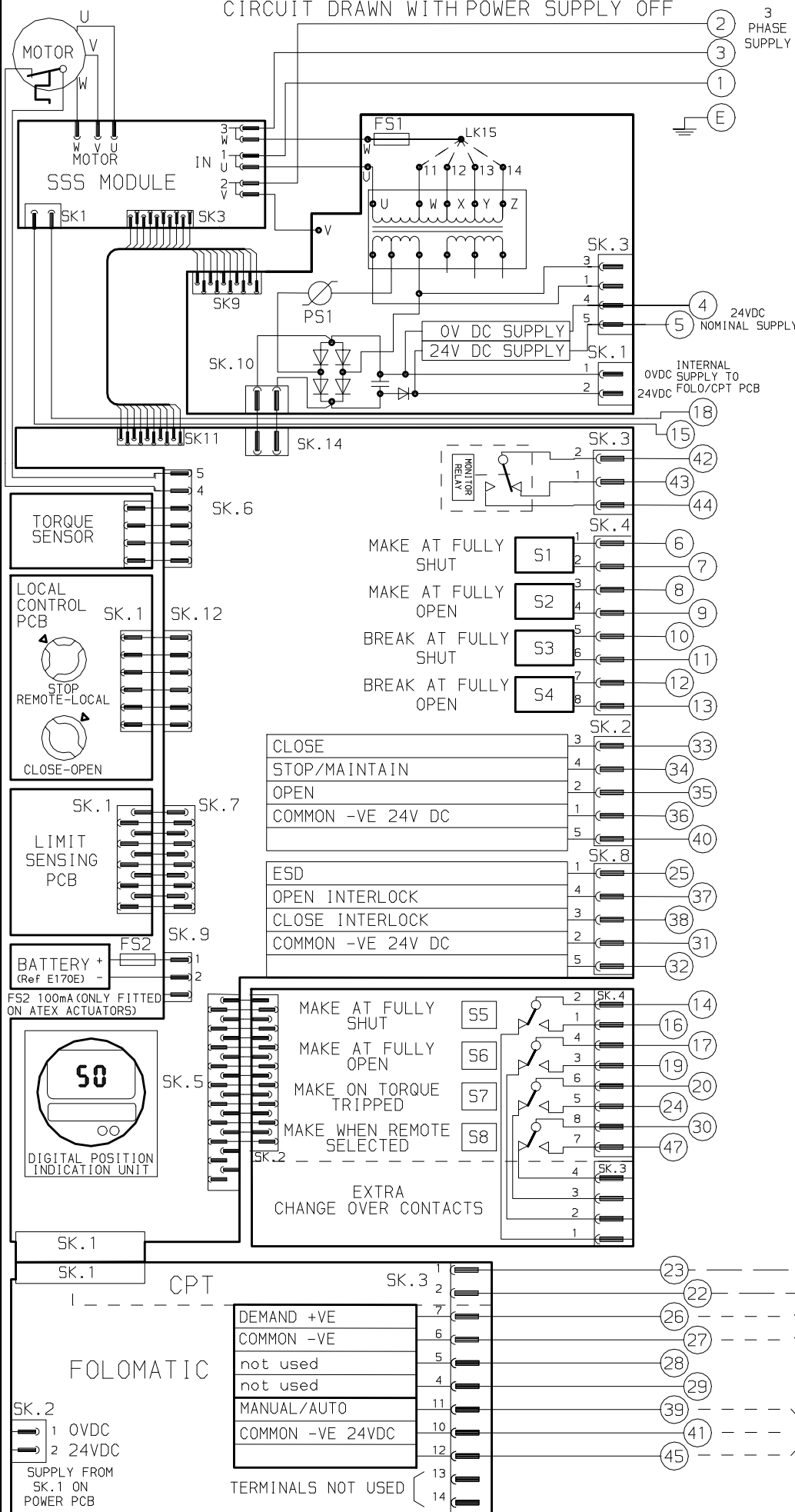


CIRCUIT DRAWN WITH POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**RWS509**

TRANSFORMER TAPPING OPTIONS

TAP	NOM 50/60HZ	50HZ	60HZ
W	200	160-220	180-236
X	220	176-242	198-259
Y	400	320-440	360-472
Z	440	352-484	396-519



FUSE FS1 - 250mA ANTI-SURGE  
PS1 SELF RESETTING FUSE.  
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  
or EQUIVALENT PROTECTIVE DEVICE.

**NOTE**  
REFER TO PUBLICATION E170E FOR APPROVED FUSES FS1 AND FS2.

MAX EXTERNAL LOAD ON TERMINALS 4 & 5 TO BE 5W.

CONTROL SIGNAL THRESHOLD VOLTAGES TO BE MINIMUM 'ON' 20V AC/DC  
MAXIMUM 'OFF' = 3V  
MINIMUM CONTROL SIGNAL DURATION TO BE 100mS.  
CURRENT DRAWN FROM EACH REMOTE CONTROL SIGNAL IS 5mA ON 24V DC

WIRES ARE IDENTIFIED AT EACH END BY TERMINAL No. OR TAG No.

INDICATION CONTACTS S1-S4 AND EXTRA INDICATION CONTACTS S5-S8 ARE SHOWN IN THEIR DEFAULT CONFIGURATION. CONTACTS MAY BE CONFIGURED FOR ANY OF THE FUNCTIONS DESCRIBED IN E170E

ANALOGUE INPUT SIGNAL FOR FOLOMATIC  
FOR MANUAL/AUTO CONNECTIONS AND DETAILS OF FOLOMATIC/CPT FUNCTIONS REFER TO ROTORK PUBLICATION E120E  
FOR MANUAL/AUTO CONFIGURATION SETTINGS, PLEASE REFER TO E170E

No <b>01</b>	DATE	REVISION DETAILS	<b>www.rotork.com</b>		CONFIG BY PJW	<b>IQM+INDICATION RELAYS +FOLOMATIC+CPT JAPAN</b>
					DATE 140911	
			ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND	ROTORK CONTROLS INC ROCHESTER NY 14624, USA	CHECKED JC1	CIRCUIT DIAGRAM No -REV <b>8110-100-01</b>
			Tel:01225-733200	Tel:585-247-2304	BASE WD . JOB No -- M.I.No .	