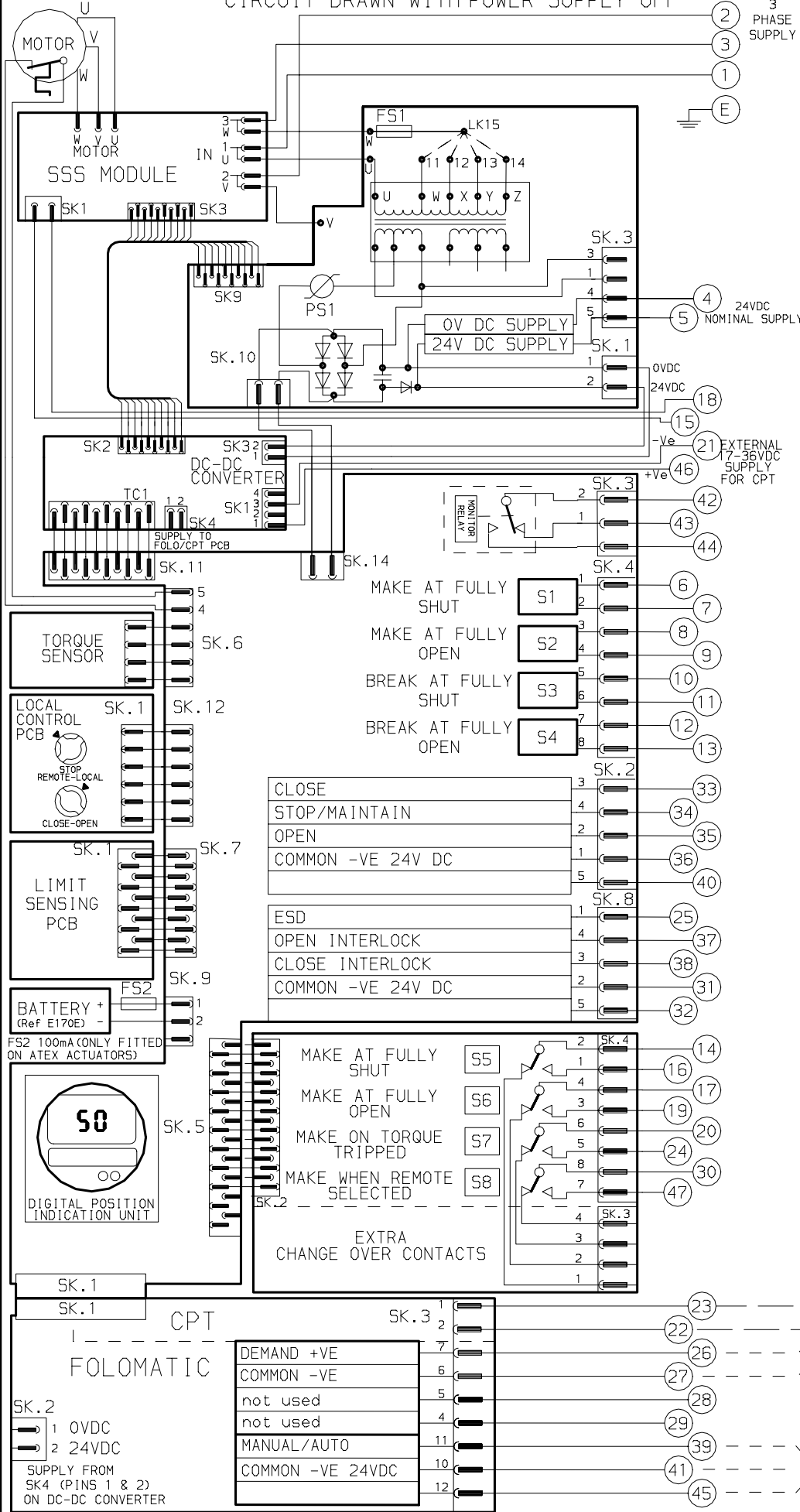


CIRCUIT DRAWN WITH POWER SUPPLY OFF



FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT RWS509

TRANSFORMER TAPPING OPTIONS

TYPE 1

TAP	NOM 50/60HZ	50HZ	60HZ
W	220/230	176-242	198-259
X	380/400	304-418	342-446
Y	415/420	332-457	374-487
Z	440/460	352-484	396-517

FUSE FS1 - 250mA ANTI-SURGE

TYPE 2

TAP	NOM 50/60HZ	50HZ	60HZ
W	346/380	285-388	321-419
X	480/500	406-552	432-564
Y	240/240	192-261	216-282
Z	550/575	445-605	501-625

FUSE FS1 - 250mA ANTI-SURGE

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.  
 ALL TRANSFORMER TYPES - PS1 SELF  
 RESETTING  
 FUSE

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

CPT WILL FUNCTION NORMALLY WITH 3-PH POWER & NO AUX PWR, BUT ON LOSS OF 3-PH CPT OUTPUT WILL GO TO 0mA UNLESS AUX PWR IS FITTED

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	DATE	REVISION DETAILS
06	250210 PJW	SSS UPDATED TO CELDUC. Checked: JCI EC2580/1

**www.rotork.com**

ROTORK CONTROLS LTD  
 BATH, BA1 3JQ  
 ENGLAND  
 Tel: 01225-733200

ROTORK CONTROLS INC  
 ROCHESTER  
 NY 14624, USA  
 Tel: 585-328-1550

CONFIG BY PRE  
 DATE 111004  
 CHECKED PJW  
 BASE WD 5140-100  
 JOB No --  
 M.I.No .

**IQM + AUX POWERED CPT + FOLO & IND RELAYS**

CIRCUIT DIAGRAM No -REV 102  
**5140-100-06**

B1 C1 B2 C2 B1 C1 M1 V1