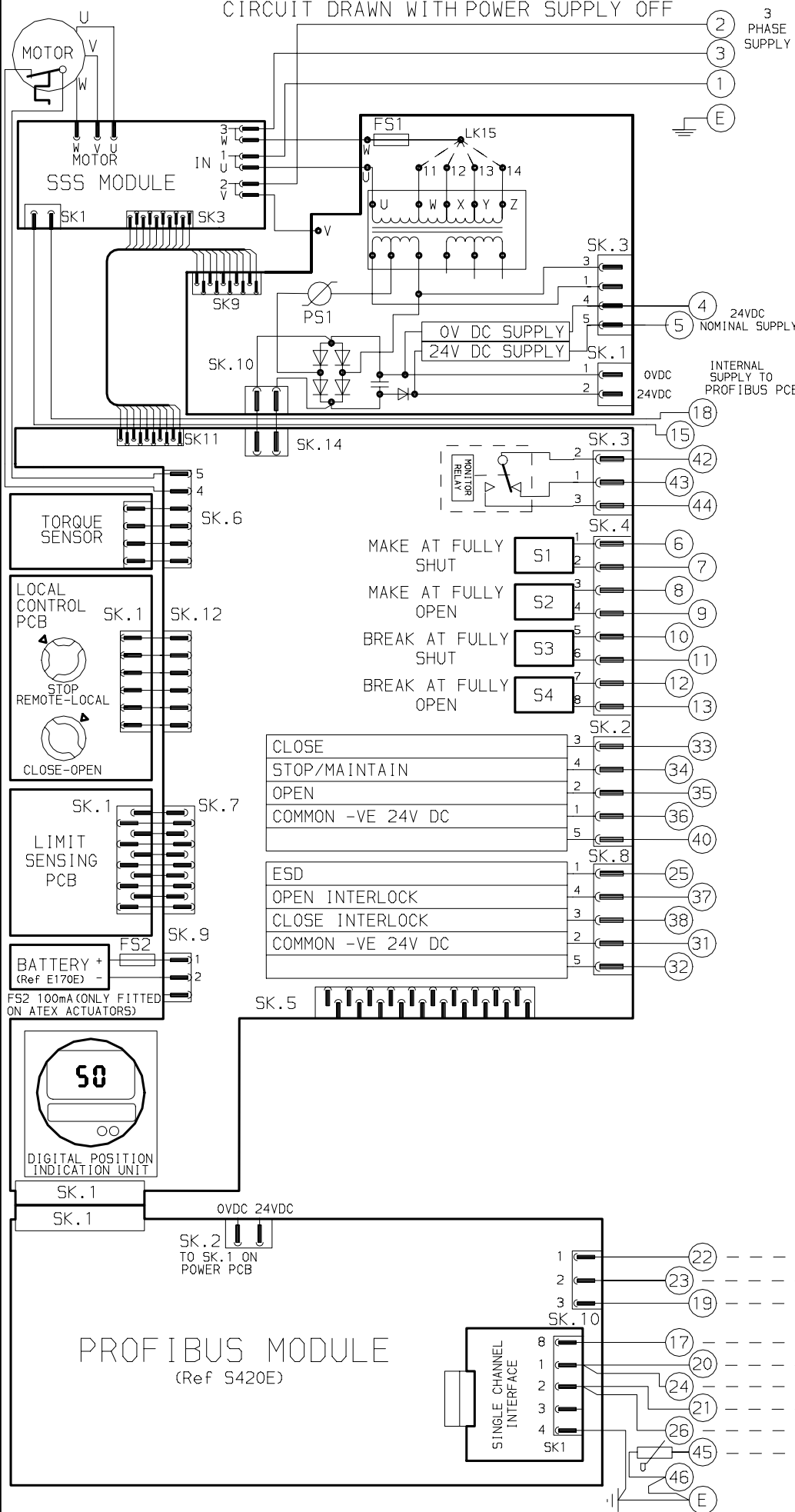


CIRCUIT DRAWN WITH POWER SUPPLY OFF



FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**No RWS**

**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

NOTE  
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

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

BRAKE ENABLE  
LINK 4 TO 15 & 5 TO 18 TO ENABLE BRAKE  
INDICATION CONTACTS S1-S4 ARE SHOWN IN THEIR DEFAULT CONFIGURATION. CONTACTS MAY BE CONFIGURED FOR ANY OF THE FUNCTIONS DESCRIBED IN E170E

FOR TYPICAL REMOTE CONTROL INDICATING, MONITORING AND ALARM CIRCUITS SEE PUBLICATION E420E

VOLTAGE INPUT (0-5 VOLTS)  
+Ve TO 'A', 0 VOLTS TO COMMON  
CURRENT INPUT (0-20mA)  
LINK A TO B, CURRENT SOURCE BETWEEN A/B AND COMMON.

- 22 --- + ANALOGUE I/P 'A'
- 23 --- + ANALOGUE I/P 'B'
- 19 --- + COMMON
- 17 --- TERMINATOR
- 20 --- PROFIBUS B(IN)
- 24 --- PROFIBUS B(OUT)
- 21 --- PROFIBUS A(IN)
- 26 --- PROFIBUS A(OUT)
- 45 --- SCREEN

No	DATE	REVISION DETAILS
04	250210 PJW	SSS UPDATED TO CELDUC. Checked: JC1 <b>EC2660/1</b>

**www.rotork.com**

ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel: 01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel: 585-328-1550
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CONFIG BY PJW  
DATE 130504  
CHECKED SP  
BASE WD 5000-900  
JOB No -  
M.I.No -

**IQ SSS+SINGLE CHANNEL  
PROFIBUS MODULE.**

CIRCUIT DIAGRAM No -REV  
**5000-900-04**

B1 C1 B2 C2