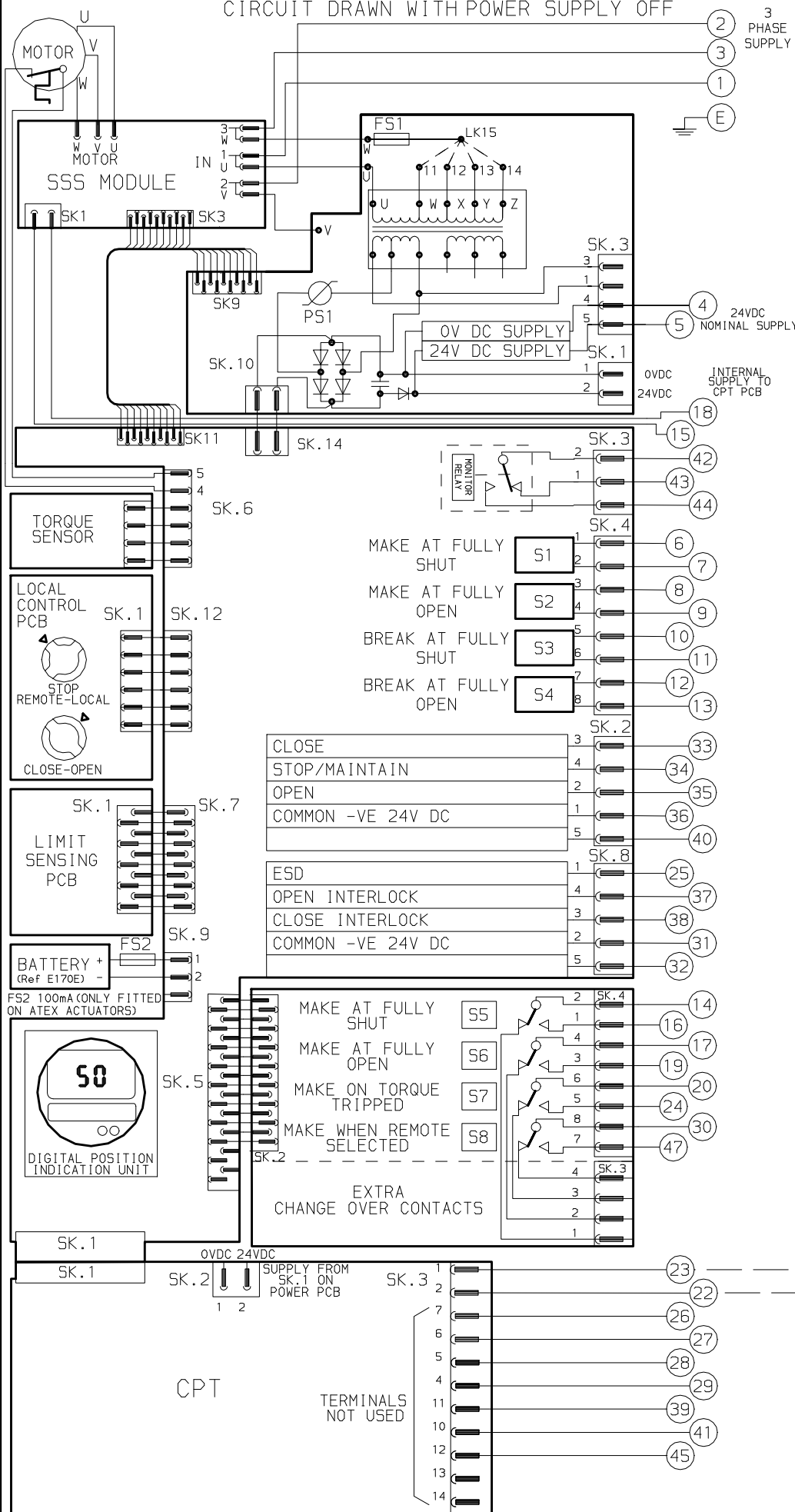


CIRCUIT DRAWN WITH POWER SUPPLY OFF



FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**RWS500**

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

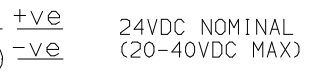
REFER TO PUBLICATION E170E FOR APPROVED FUSES FS1 AND FS2.

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.



FOR DETAILS OF CPT FUNCTIONS REFER TO ROTORK PUBLICATION E120E

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

No	DATE	REVISION DETAILS
01		FIRST ISSUE

**www.rotork.com**

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Tel:01225-733200

ROTORK CONTROLS INC  
ROCHESTER  
NY 14624, USA  
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CONFIG BY PJW  
DATE 010811  
CHECKED JC1  
BASE WD 5160-000  
JOB No --  
M.I.No .

**IQM+INDICATION RELAYS & EXT PWR CPT**

CIRCUIT DIAGRAM No -REV 102  
**5160-000-01**

B1 C1 B2 C2 B1 C1 M1 V1