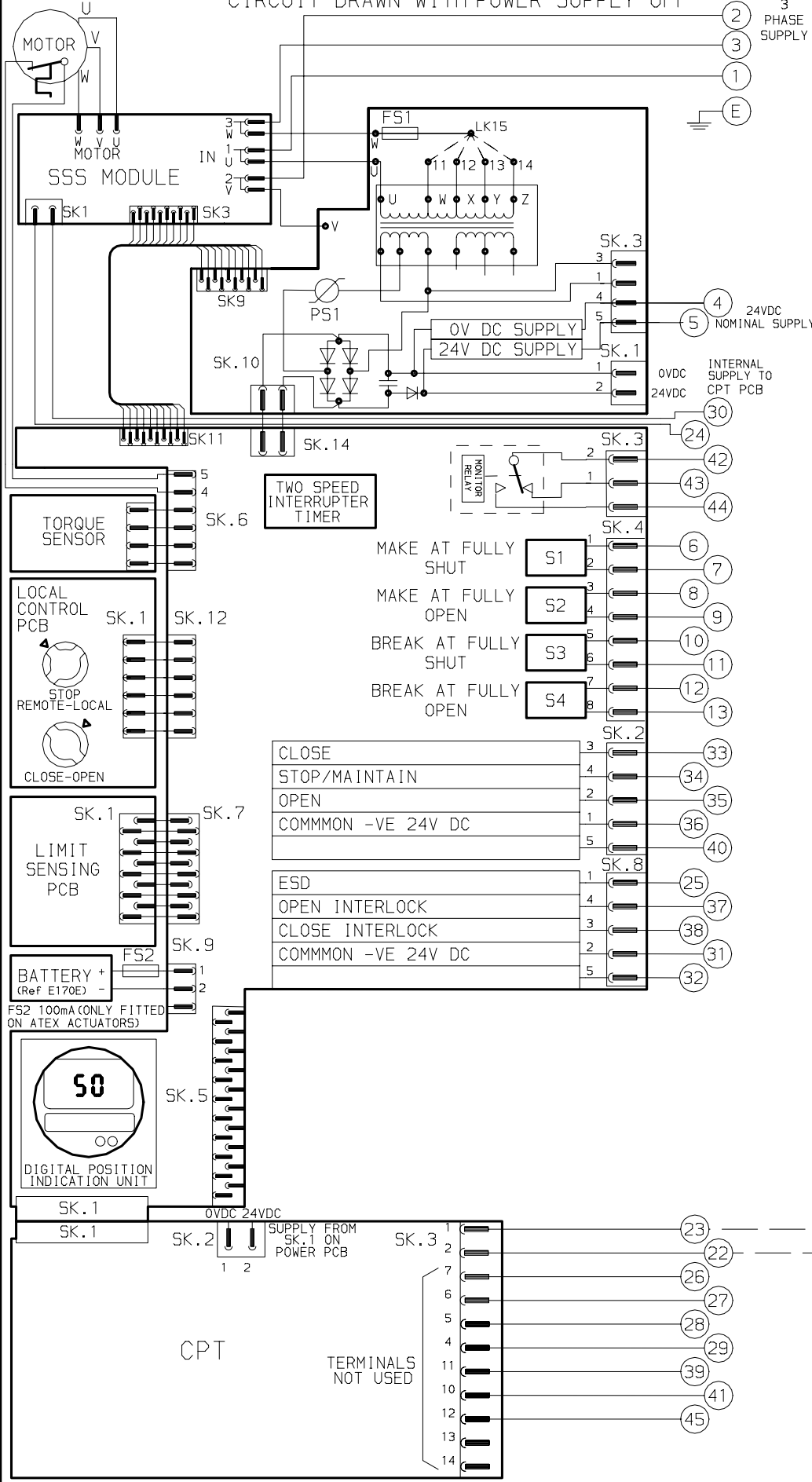


CIRCUIT DRAWN WITH POWER SUPPLY OFF



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 ARE SHOWN IN THEIR DEFAULT CONFIGURATION. CONTACTS MAY BE CONFIGURED FOR ANY OF THE FUNCTIONS DESCRIBED IN E170E

| No | DATE           | REVISION DETAILS                                   |
|----|----------------|--|
| 03 | 250210<br>P JW | SSS UPDATED TO CELDUC.<br>Checked: JCI<br>EC2680/1 |

**www.rotork.com**

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 NY 14624, USA  
 Tel: 585-328-1550

CONFIG BY PJW  
 DATE 020906  
 CHECKED DA  
 BASE WD 5010-010  
 JOB No --  
 M.I.No .

**IQM + CPT & TWO SPEED TIMER**

CIRCUIT DIAGRAM No -REV 102  
**5010-010-03**  
 B1 C1 B2 C2