

CIRCUIT DRAWN WITH  
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
RWS700

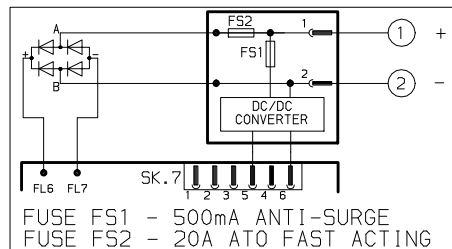
TRANSFORMER TAPPING OPTIONS

| TYPE 1                      |     |        | TYPE 2                        |     |         |
|-----------------------------|-----|--------|-------------------------------|-----|---------|
| TAP                         | NOM | RANGE  | TAP                           | NOM | RANGE   |
| X                           | 100 | 80-120 | X                             | 200 | 160-240 |
| Y                           | 110 | 88-132 | Y                             | 230 | 184-276 |
| Z                           | 120 | 96-144 | Z                             | 270 | 216-324 |
| FS1-250mA A/S<br>FS2-5A A/S |     |        | FS1-150mA A/S<br>FS2-2.5A A/S |     |         |

| TYPE 3                        |     |         | TYPE 4                       |     |         |
|-------------------------------|-----|---------|------------------------------|-----|---------|
| TAP                           | NOM | RANGE   | TAP                          | NOM | RANGE   |
| X                             | 380 | 304-456 | X                            | 480 | 384-576 |
| Y                             | 400 | 320-480 | Y                            | 575 | 460-690 |
| Z                             | 415 | 332-498 | Z                            | 690 | 552-828 |
| FS1-100mA A/S<br>FS2-1.5A A/S |     |         | FS1-50mA A/S<br>FS2-1.6A F/A |     |         |

TRANSFORMER TYPES 1, 2, 3 & 4 -  
FUSE FS3 - 20A ATO FAST ACTING

TYPE 5 24VDC



ALL TRANSFORMER TYPES -  
PS1 SELF RESETTING FUSE

NOTE

REFER TO PUBLICATION E175E FOR  
APPROVED FUSES FS1, FS2 AND FS3.

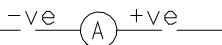
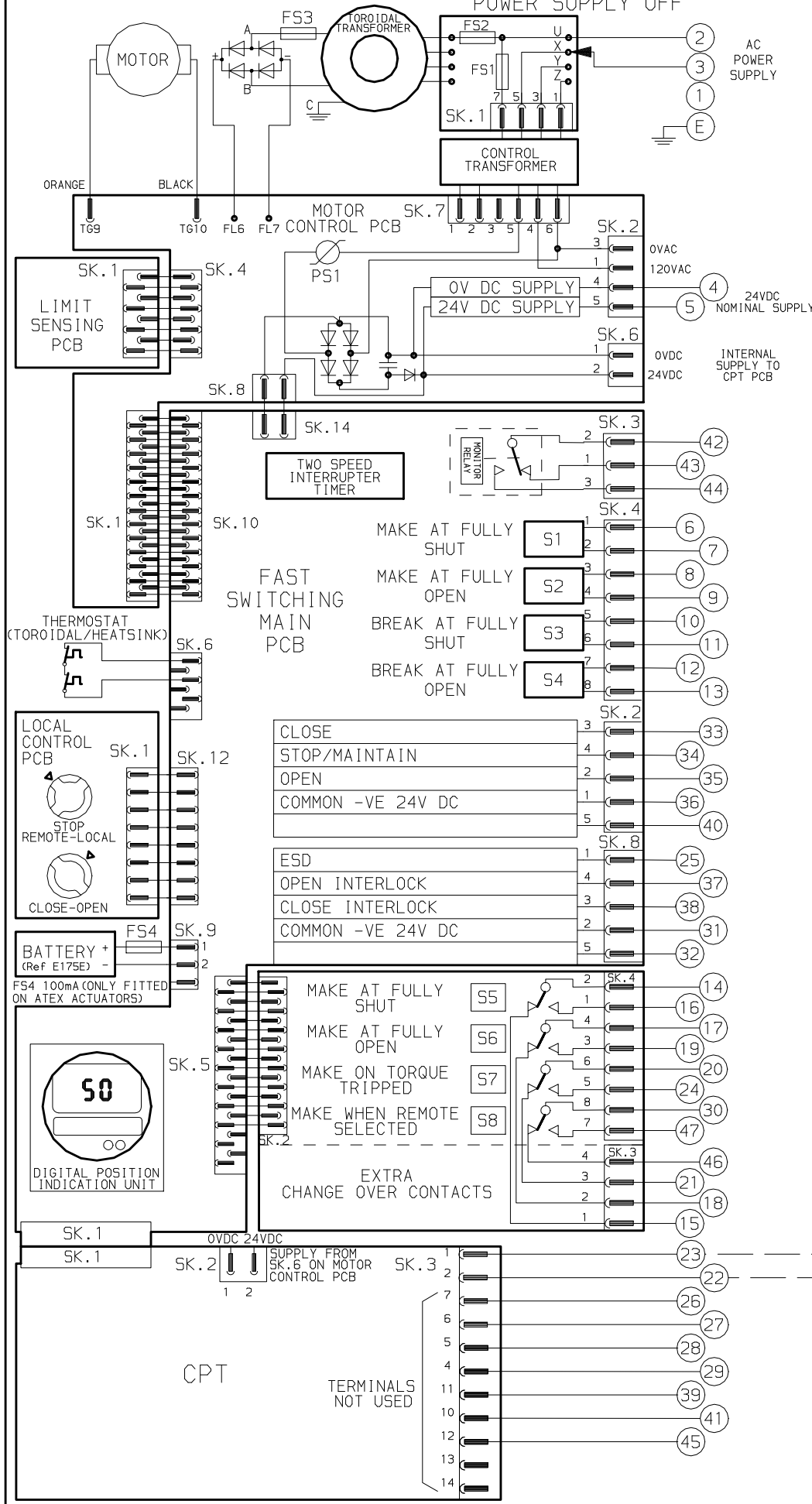
MAX EXTERNAL LOAD ON TERMINALS  
4 & 5 TO BE 5W.

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 E175E



FOR DETAILS OF CPT FUNCTIONS  
REFER TO ROTORK PUBLICATION E120E

| No | DATE   | REVISION DETAILS |
|----|--------|------------------|
| 01 | 080113 | FIRST ISSUE      |

**www.rotork.com**

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CONFIG BY JC1  
DATE 080113  
CHECKED PJW  
BASE WD 7110-010  
JOB No -  
M.I.No -

**IQTM + CPT & INDICATION  
RELAYS & TIMER**

CIRCUIT DIAGRAM No -REV 101  
**7110-010-01**

B1 C1 B2 C2 B1 C1 M1 V1