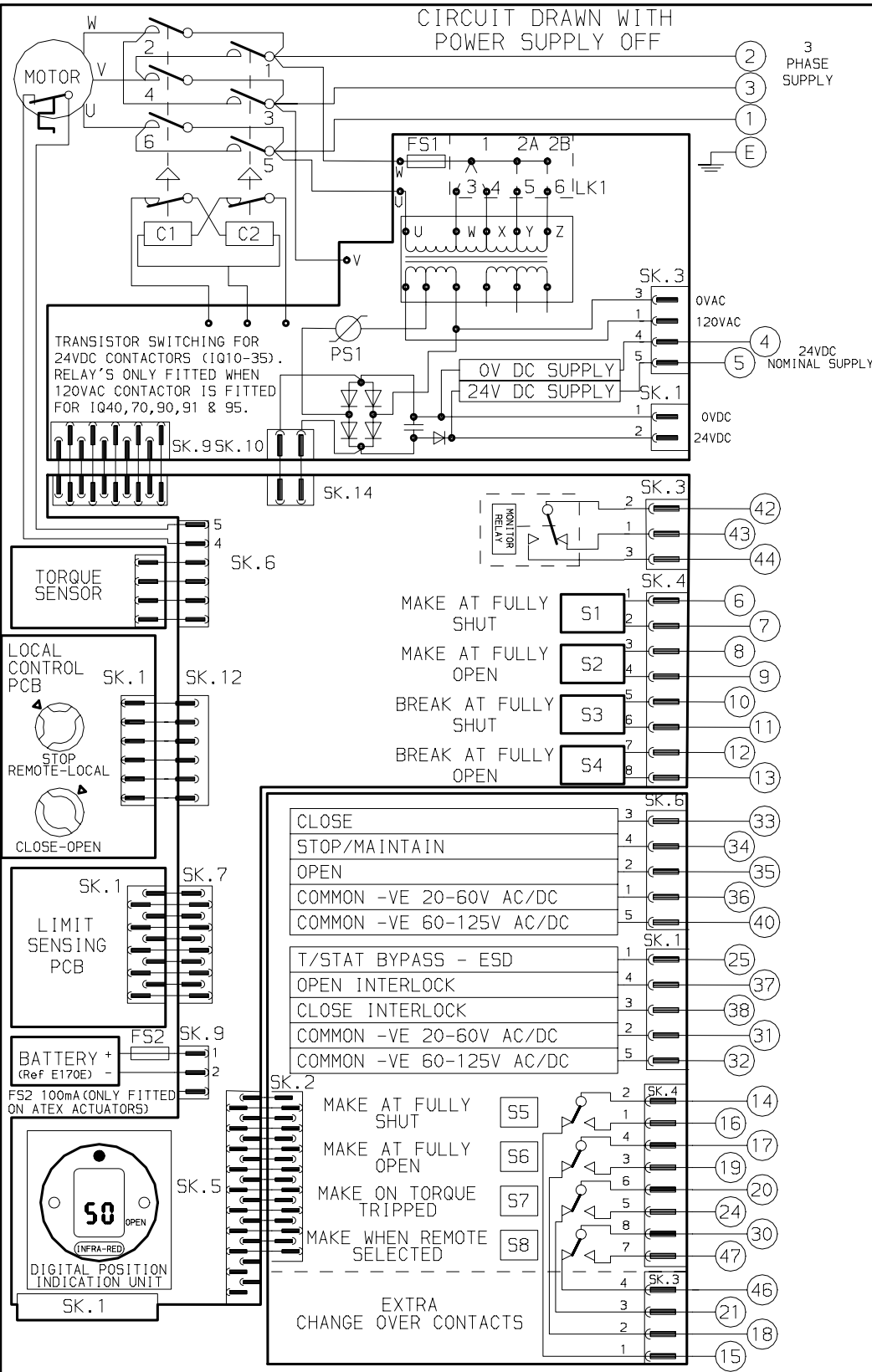


CIRCUIT DRAWN WITH  
POWER SUPPLY OFF



FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**RWS308**

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 | 501-654 |

FUSE FS1 - 250mA ANTI-SURGE

TYPE 3

| TAP | NOM 50/60HZ | 50HZ    | 60HZ    |
|-----|-------------|---------|---------|
| X   | 660/660-690 | 534-726 | 600-726 |
| Y   | 690/---     | 558-759 |         |

FUSE FS1 - 150mA ANTI-SURGE

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 300mS.

CURRENT DRAWN FROM EACH REMOTE  
CONTROL SIGNAL IS 5mA ON 24V DC  
OR 12mA ON 120V AC

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

| No | DATE   | REVISION DETAILS  |
|----|--------|---|
| 03 | 301004 | DIAGRAM RE-FORMATTED TO<br>SEPERATE REMOTE CONTROL<br>CIRCUITRY (See 'RWS' Ref) |

**www.rotork.com**

|   |   |
|---|---|
| ROTORK CONTROLS LTD<br>BATH, BA1 3JQ<br>ENGLAND<br>Tel:01225-733200 | ROTORK CONTROLS INC<br>ROCHESTER<br>NY 14624, USA<br>Tel:585-328-1550 |
|---|---|

CONFIG BY PRE  
DATE 081004  
CHECKED PJW  
BASE WD 3100A000  
JOB No --  
M.I.No .

**IQBASIC + POS SW REM  
& INDICATION RELAYS**

CIRCUIT DIAGRAM No -REV  
**3100A000-03**

|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| B1 | C1 | B2 | C2 | B1 | C1 | M1 | V1 |
|----|----|----|----|----|----|----|----|