

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 | 501-654 |

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.

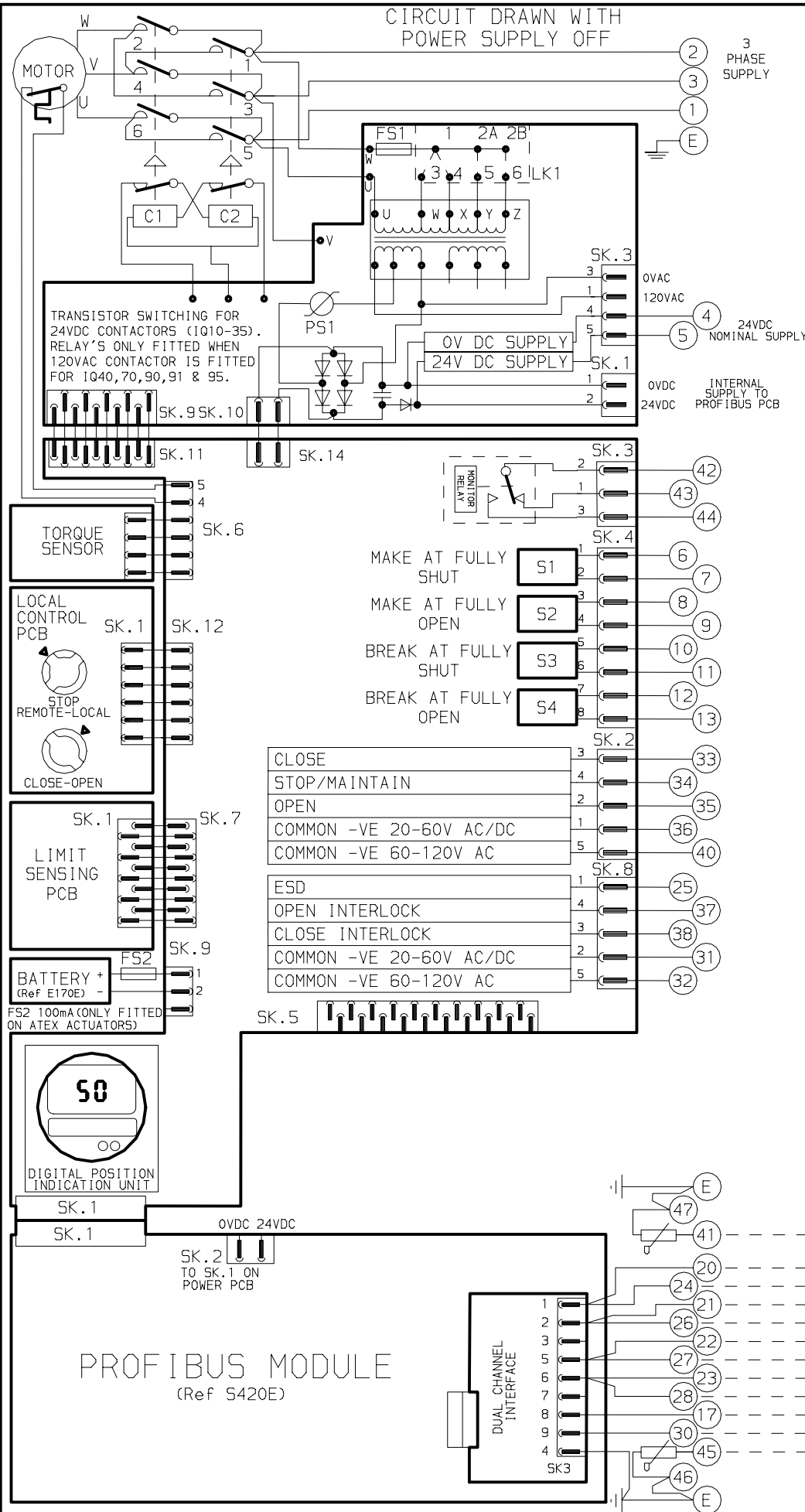
MAX EXTERNAL LOAD ON TERMINALS  
4 & 5 TO BE 5W.

CONTROL SIGNAL THRESHOLD VOLTAGES  
TO BE MINIMUM 'ON' 20V AC/DC  
MAXIMUM 'OFF' = 3V  
MINIMUM CONTROL SIGNAL DURATION  
TO BE 300ms.

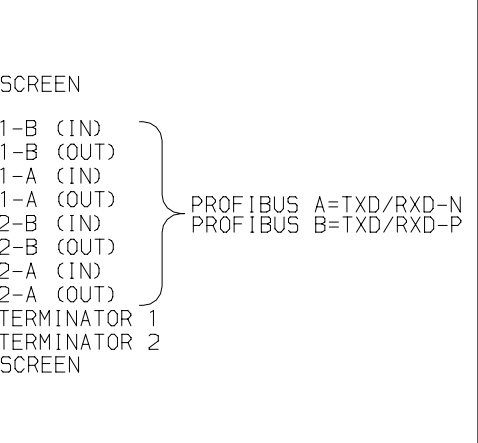
CURRENT DRAWN FROM EACH REMOTE  
CONTROL SIGNAL IS 5mA ON 24V DC  
OR 12mA ON 120V AC

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 E120E



FOR TYPICAL REMOTE CONTROL  
INDICATING, MONITORING AND ALARM  
CIRCUITS SEE PUBLICATION E120E



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|---|----------------|---|-----------------------|---|---|
| No<br><b>08</b>   | DATE<br>270307 | REVISION DETAILS<br>DUAL CHANEL PROFIBUS UPDATE<br><b>EC2197/8</b>    | <b>www.rotork.com</b> | CONFIG BY PGS<br>DATE 270999<br>CHECKED PJW<br>BASE WD 3000-600<br>JOB No -<br>M.I.No - | IQ + PROFIBUS<br><br>CIRCUIT DIAGRAM No -REV 102<br><b>3000-600-08</b><br>B1 C1 B2 C2 |
| 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 |                       |   |   |