

CIRCUIT DRAWN WITH  
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**RWS300**

TRANSFORMER TAPPING OPTIONS

TAP	NOM 50/60HZ	50HZ	60HZ
W	200	160-220	180-236
X	220	176-242	198-259
Y	400	320-440	360-472
Z	440	352-484	396-519

FUSE FS1 - 250mA ANTI-SURGE  
PS1 SELF RESETTING FUSE.

NOTE  
REFER TO PUBLICATION E170E FOR  
APPROVED FUSES FS1 AND FS2.

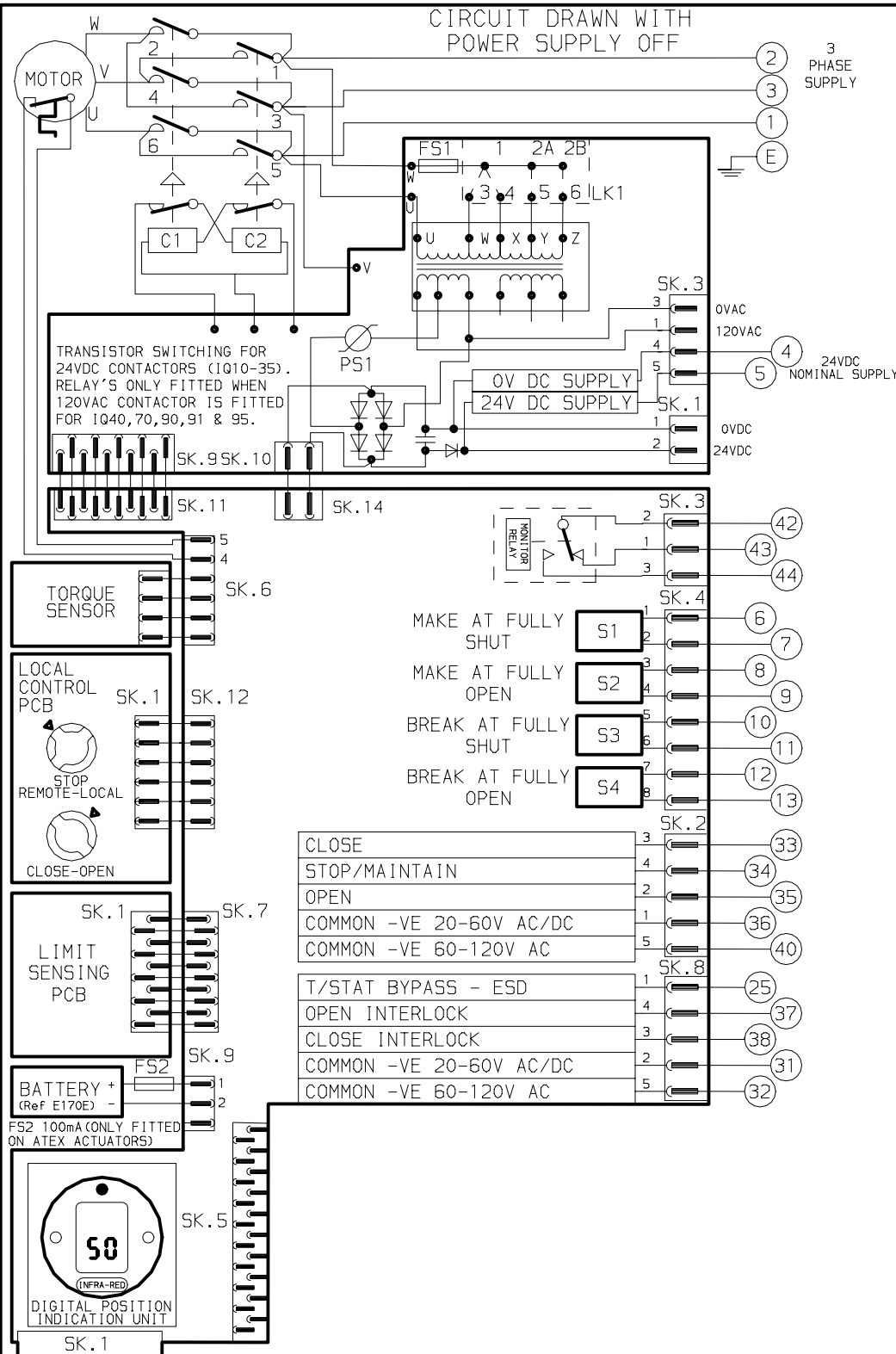
INDICATION CONTACTS S1-S4 ARE SHOWN  
IN THEIR DEFAULT CONFIGURATION.  
CONTACTS MAY BE CONFIGURED FOR ANY  
OF THE FUNCTIONS DESCRIBED IN E170E

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.



- MAKE AT FULLY SHUT S1
- MAKE AT FULLY OPEN S2
- BREAK AT FULLY SHUT S3
- BREAK AT FULLY OPEN S4

- CLOSE
- STOP/MAINTAIN
- OPEN
- COMMON -VE 20-60V AC/DC
- COMMON -VE 60-120V AC

- T/STAT BYPASS - ESD
- OPEN INTERLOCK
- CLOSE INTERLOCK
- COMMON -VE 20-60V AC/DC
- COMMON -VE 60-120V AC

No	DATE	REVISION DETAILS
05	301004	DIAGRAM RE-FORMATTED TO SEPERATE REMOTE CONTROL CIRCUITRY (See 'RWS' Ref)

**www.rotork.com**

ROTORK CONTROLS LTD  
BATH, BA1 3JQ  
ENGLAND  
Tel: 01225-733200

ROTORK CONTROLS INC  
ROCHESTER  
NY 14624, USA  
Tel: 585-328-1550

CONFIG BY PRE  
DATE 081004  
CHECKED PJW  
BASE WD 4000-000  
JOB No --  
M. I. No .

IQ BASIC JAPAN  
TRANSFORMER.

CIRCUIT DIAGRAM No -REV 102  
**4000-000-05**

B1 C1 B2 C2