

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.

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

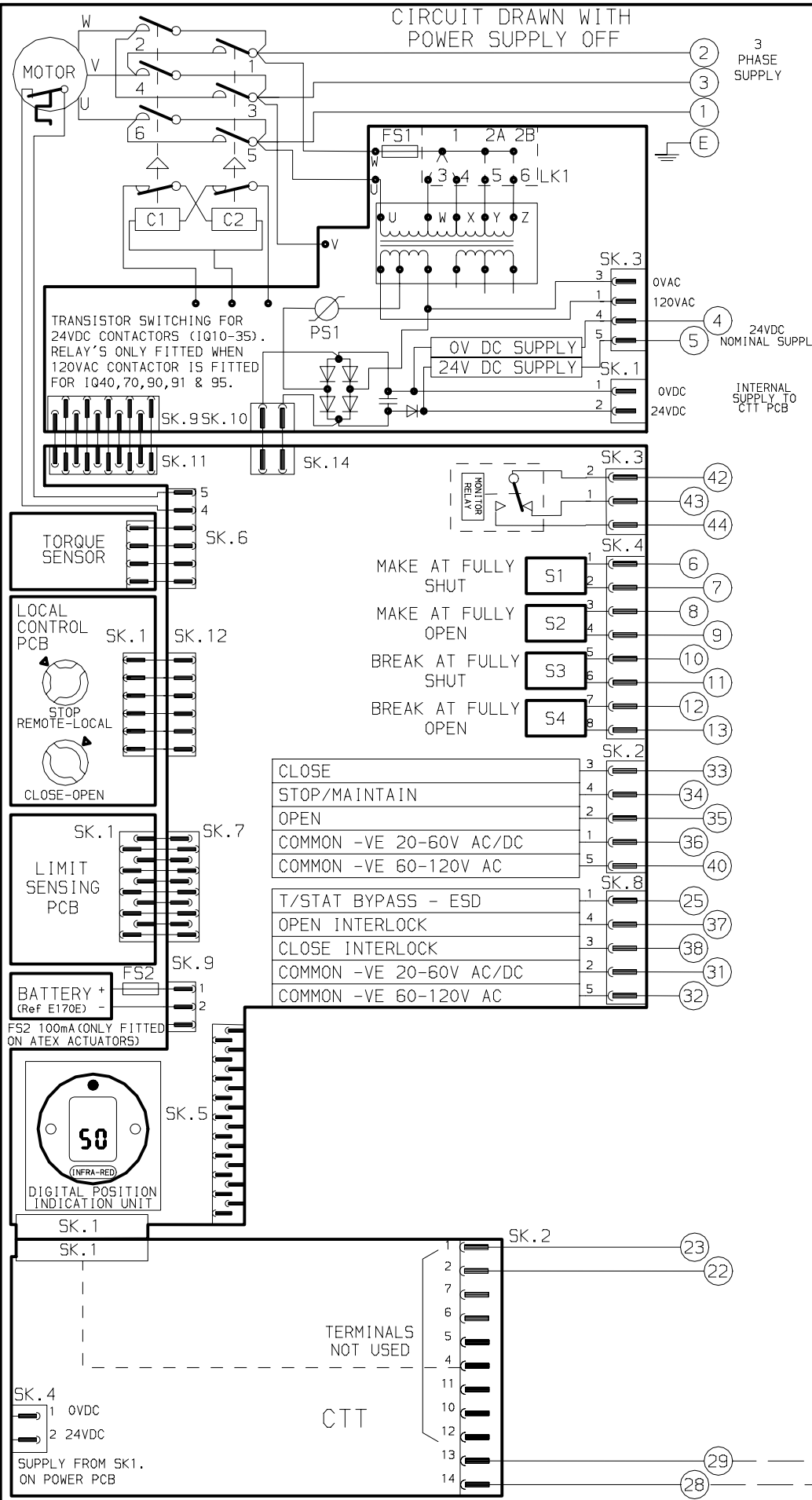
CONTROL SIGNAL THRESHOLD VOLTAGES
TO BE MINIMUM 'ON' 20V AC/DC
MAXIMUM 'OFF' = 3V
MINIMUM CONTROL SIGNAL DURATION
TO BE 300mS.

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.

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

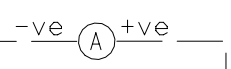
FOR DETAILS OF CTT FUNCTIONS
REFER TO ROTORK PUBLICATION E120E



- MAKE AT FULLY SHUT S1
 - MAKE AT FULLY OPEN S2
 - BREAK AT FULLY SHUT S3
 - BREAK AT FULLY OPEN S4
- | | | |
|-------------------------|---|----|
| CLOSE | 3 | 33 |
| STOP/MAINTAIN | 4 | 34 |
| OPEN | 2 | 35 |
| COMMON -VE 20-60V AC/DC | 1 | 36 |
| COMMON -VE 60-120V AC | 5 | 40 |
- | | | |
|-------------------------|---|----|
| T/STAT BYPASS - ESD | 1 | 25 |
| OPEN INTERLOCK | 4 | 37 |
| CLOSE INTERLOCK | 3 | 38 |
| COMMON -VE 20-60V AC/DC | 2 | 31 |
| COMMON -VE 60-120V AC | 5 | 32 |

TERMINALS
NOT USED

CTT



No	DATE	REVISION DETAILS
02	301004	DIAGRAM RE-FORMATTED TO SEPERATE REMOTE CONTROL CIRCUITRY (See 'RWS' Ref)

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

IQ JAPAN TRANSFORMER
+ CTT

CIRCUIT DIAGRAM No -REV 102
4020-000-02

B1 C1 B2 C2