

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
RWS300

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

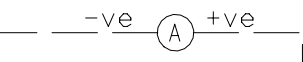
REFER TO PUBLICATION E170E FOR
APPROVED FUSES FS1 AND FS2.

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.

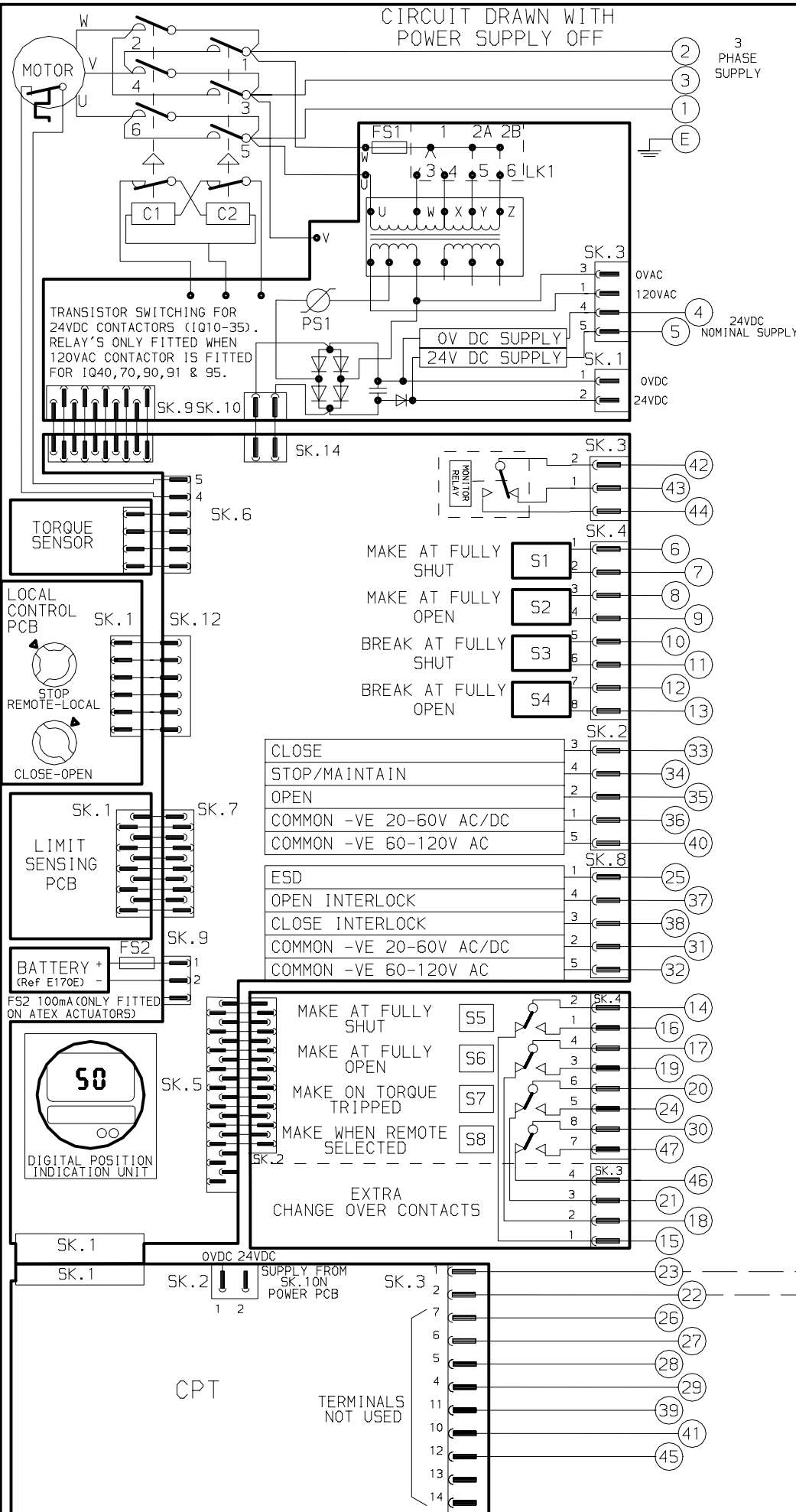
CURRENT DRAWN FROM EACH REMOTE
CONTROL SIGNAL IS 5mA ON 24V DC
OR 12mA ON 120V AC

WIRES ARE IDENTIFIED AT EACH END
BY TERMINAL No. OR TAG No.



FOR DETAILS OF CPT FUNCTIONS
REFER TO ROTORK PUBLICATION E120E

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 |
|----|--------|----------------------------|
| 10 | 110407 | IQ PRO UPDATE. EC2198/1 |

www.rotork.com

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CONFIG BY PRE
DATE 081004
CHECKED PJW
BASE WD 3110-000
JOB No --
M.I.No .

IQ + INDICATION RELAYS
+ CPT

CIRCUIT DIAGRAM No -REV 102
3110-000-10

B1 C1 B2 C2 B1 C1 M1 V1