

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.

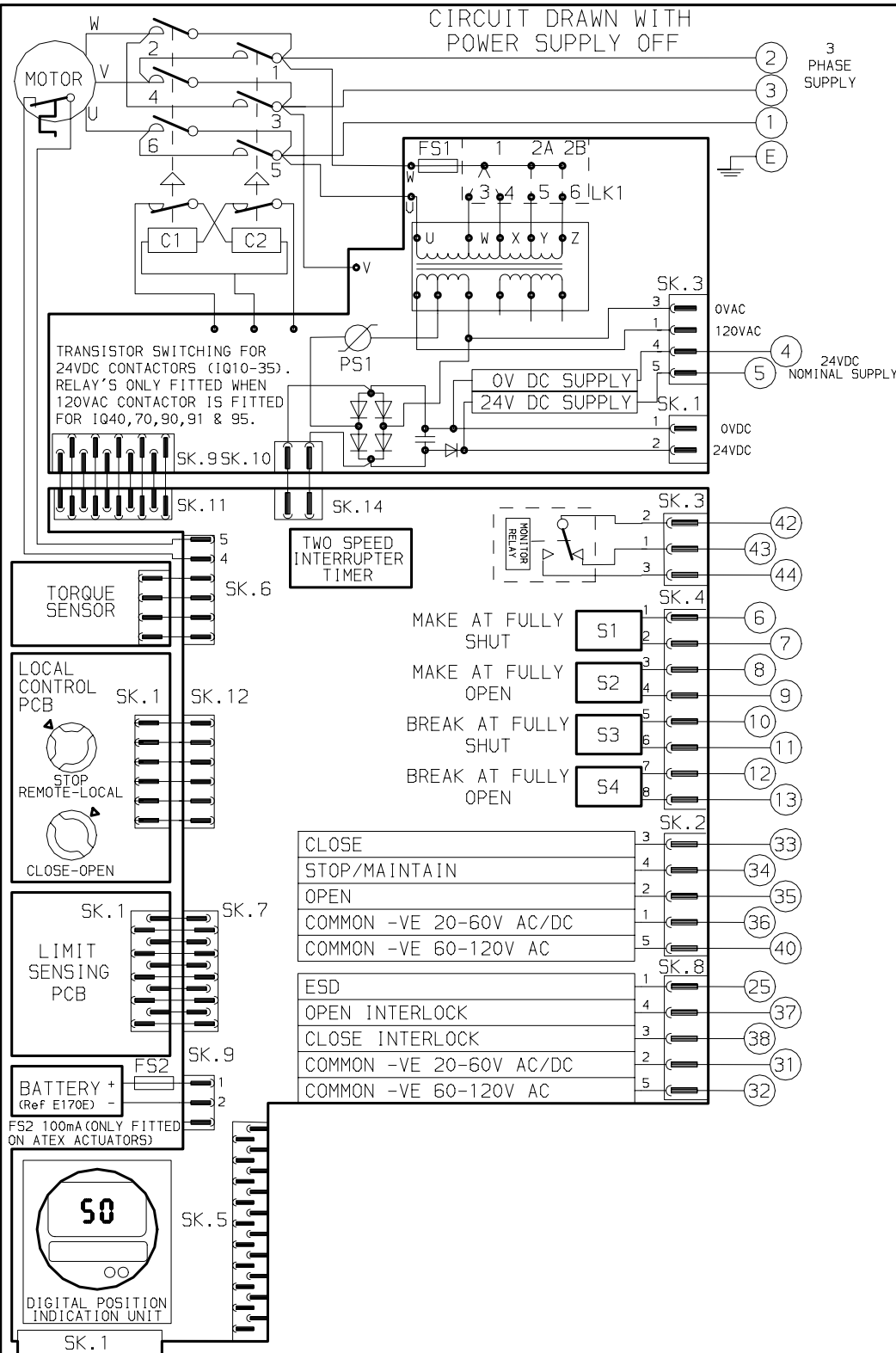
INDICATION CONTACTS S1-S4 ARE SHOWN
IN THEIR DEFAULT CONFIGURATION.
CONTACTS MAY BE CONFIGURED FOR ANY
OF THE FUNCTIONS DESCRIBED IN E170E

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.



TRANSISTOR SWITCHING FOR
24VDC CONTACTORS (IQ10-35).
RELAY'S ONLY FITTED WHEN
120VAC CONTACTOR IS FITTED
FOR IQ40,70,90,91 & 95.

TWO SPEED
INTERRUPTER
TIMER

TORQUE
SENSOR

LOCAL
CONTROL
PCB
STOP
REMOTE-LOCAL
CLOSE-OPEN

LIMIT
SENSING
PCB

BATTERY +
(Ref E170E) -

50
DIGITAL POSITION
INDICATION UNIT

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

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

No	DATE	REVISION DETAILS
01		

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CONFIG BY PJW
DATE 190109
CHECKED JC1
BASE WD 4000-010
JOB No --
M.I.No .

**IQ BASIC JAPAN
TRANSFORMER + TIMER**
CIRCUIT DIAGRAM No -REV
4000-010-01
B1 C1 B2 C2