

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.

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

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.

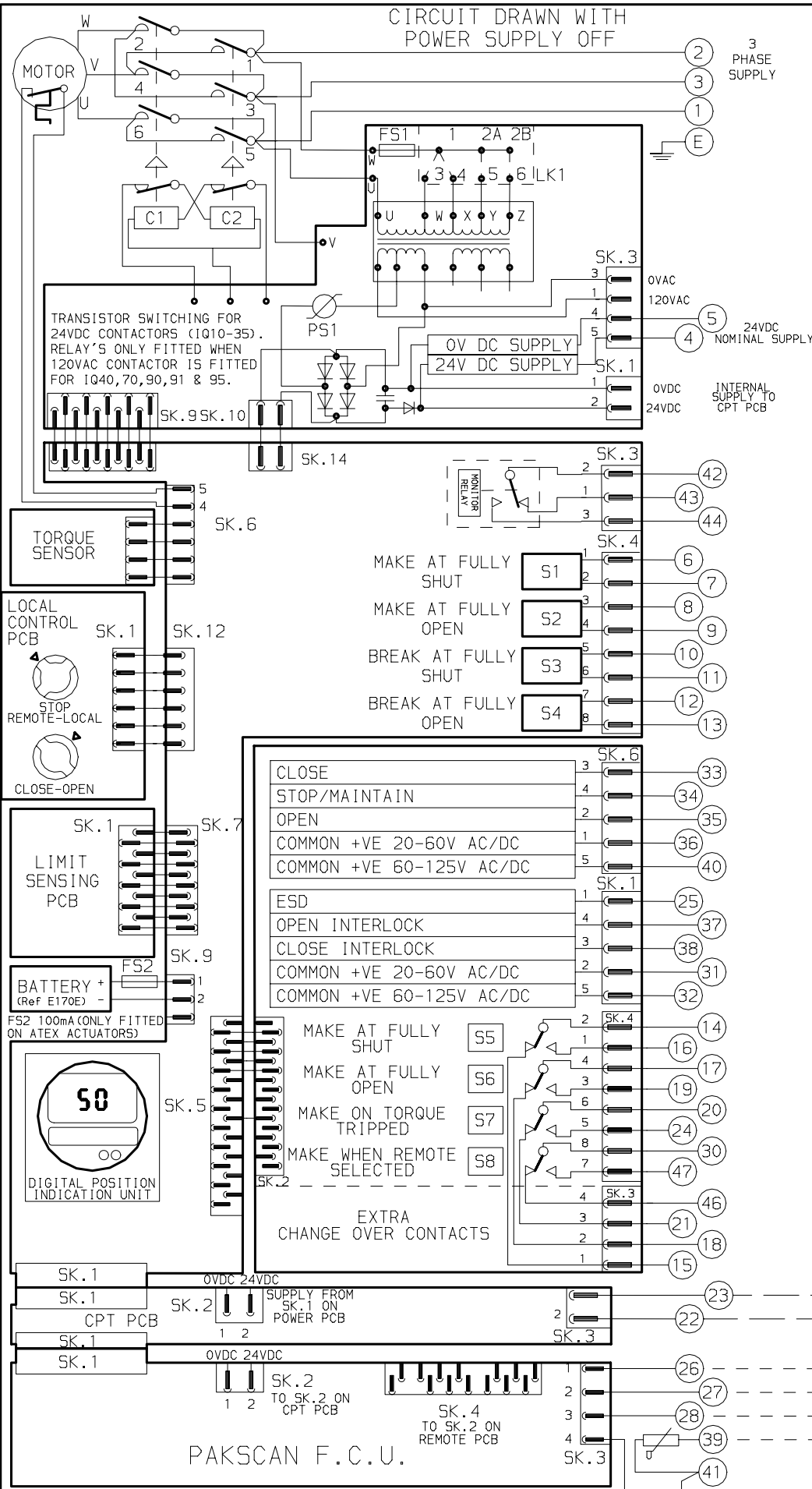
PAKSCAN ONLY

CARE SHOULD BE TAKEN TO ENSURE
THAT CIRCUITS CONNECTED TO
TERMINALS 4 OR 5
& 22 OR 23 ARE NOT CONNECTED
DIRECTLY OR INDIRECTLY TO GROUND.

FOR DETAILS OF CPT FUNCTIONS
REFER TO ROTORK PUBLICATION E120E

- 2 WIRE 'A' (IN)
- 2 WIRE 'B' (OUT)
- 2 WIRE 'C' COMMON
- SCREEN

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



THE INFRA-RED SETTING TOOL ENABLES THE ACTUATOR TO BE
CONFIGURED FOR VARIOUS FORMS OF HARDWIRED REMOTE CONTROL CIRCUITS.
THE SETTING TOOL ALSO ENABLES THE PAKSCAN F.C.U. BAUD RATE AND ADDRESS TO BE CONFIGURED.

No	DATE	REVISION DETAILS
05	190808 Jc1	PAKSCAN ONLY NOTE REVISED TO INC TERMINALS 22 & 23

www.rotork.com

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CONFIG BY PRE
DATE 081004
CHECKED PJW
BASE WD 3110N200
JOB No .
M.I.No .

**IQ + IND RLYS + PSCAN
+CPT + NEG SWITCHING**

CIRCUIT DIAGRAM No -REV 102
3110N200-05

B1 C1 B2 C2 B1 C1 M1 V1