

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
RWS312

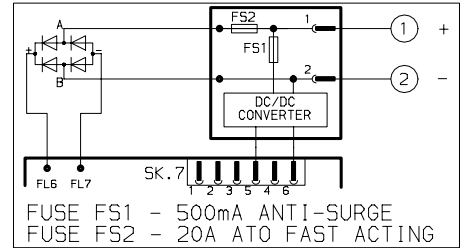
TRANSFORMER TAPPING OPTIONS

TYPE 1			TYPE 2		
TAP	NOM	RANGE	TAP	NOM	RANGE
X	100	80-120	X	200	160-240
Y	110	88-132	Y	230	184-276
Z	120	96-144	Z	270	216-324
FS1-250mA A/S FS2-5A A/S			FS1-150mA A/S FS2-2.5A A/S		

TYPE 3			TYPE 4		
TAP	NOM	RANGE	TAP	NOM	RANGE
X	380	304-456	X	480	384-576
Y	400	320-480	Y	575	460-690
Z	415	332-498	Z	690	552-828
FS1-100mA A/S FS2-1.5A A/S			FS1-50mA A/S FS2-1.6A F/A		

TRANSFORMER TYPES 1, 2, 3 & 4 -
FUSE FS3 - 20A ATO FAST ACTING

TYPE 5 24VDC



ALL TRANSFORMER TYPES -
PS1 SELF RESETTING FUSE

NOTE

REFER TO PUBLICATION E175E FOR
APPROVED FUSES FS1, FS2 AND FS3.

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

CONTROL SIGNAL THRESHOLD VOLTAGES
TO BE MINIMUM 'ON' 14V AC/DC
MAXIMUM 'OFF' = 3V
MINIMUM CONTROL SIGNAL DURATION
TO BE 300mS.

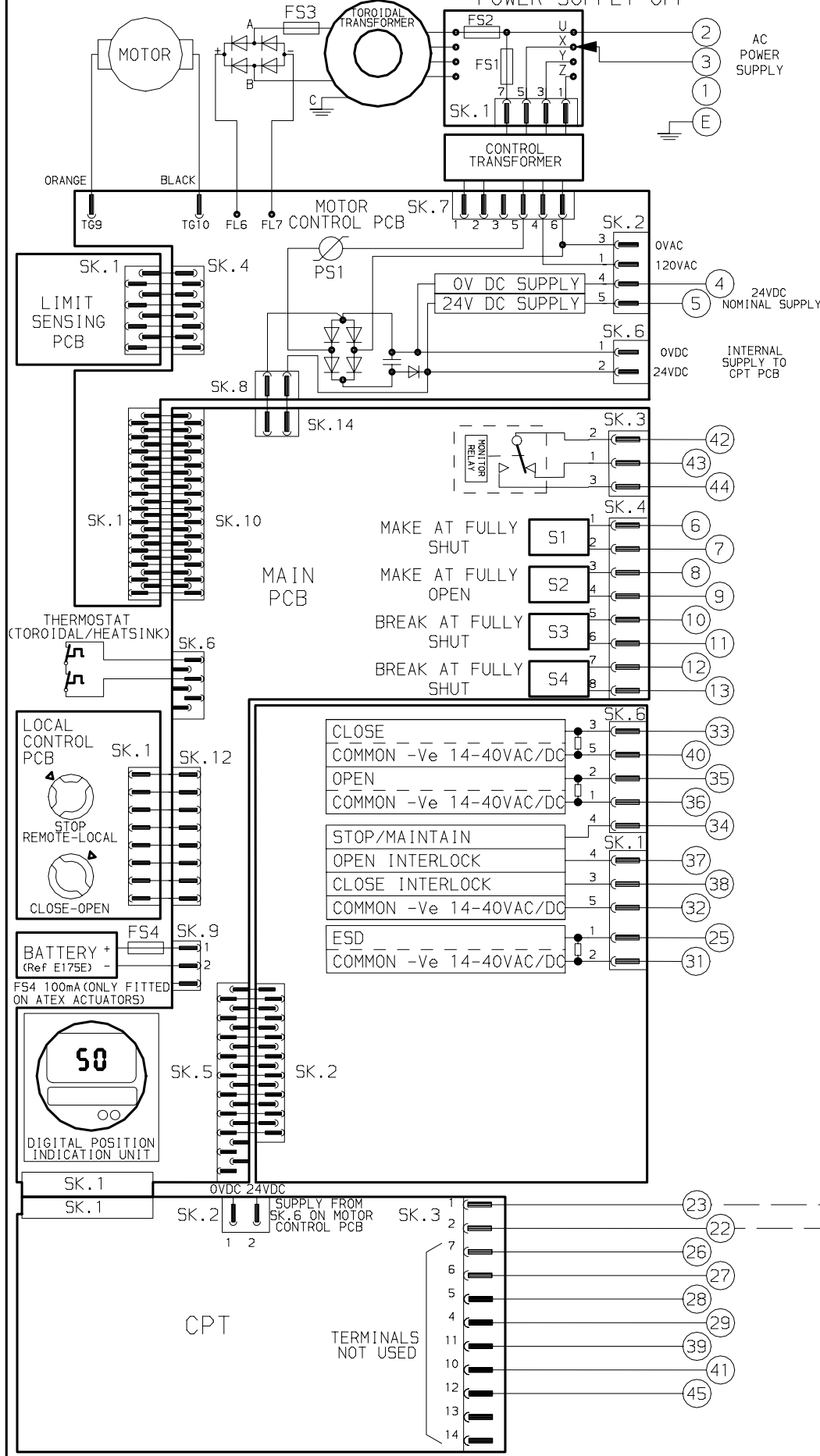
MAXIMUM VOLTAGE BETWEEN
ADJACENT CHANNELS NOT
TO EXCEED 50V.

OPEN/CLOSE/ESD REMOTE INPUTS ARE
DESIGNED FOR USE WITH SOLID STATE
CONTACTS THAT MAY HAVE A MAXIMUM
LEAKAGE CURRENT OF 1.4mA IN THE
'OFF' STATE.

CURRENT DRAWN FROM EACH REMOTE
CONTROL SIGNAL IS 5mA ON 24V DC
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 ARE SHOWN
IN THEIR DEFAULT CONFIGURATION.
CONTACTS MAY BE CONFIGURED FOR ANY
OF THE FUNCTIONS DESCRIBED IN E175E



No	DATE	REVISION DETAILS
01	-	FIRST PRODUCTION ISSUE

www.rotork.com

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CONFIG BY PJW
DATE 041209
CHECKED JC1
BASE WD 6010C000
JOB No -
M.I.No -

**IQT + BBC REMOTE
INPUTS + CPT**

CIRCUIT DIAGRAM No -REV 101
6010C000-01

B1 C1 B2 C2