

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
RWS300

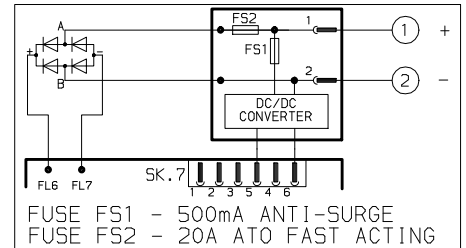
TRANSFORMER TAPPING OPTIONS

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' 20V AC/DC
MAXIMUM 'OFF' = 3V
MINIMUM CONTROL SIGNAL DURATION
TO BE 100mS.

CURRENT DRAWN FROM EACH REMOTE
CONTROL SIGNAL IS 5mA ON 24V DC

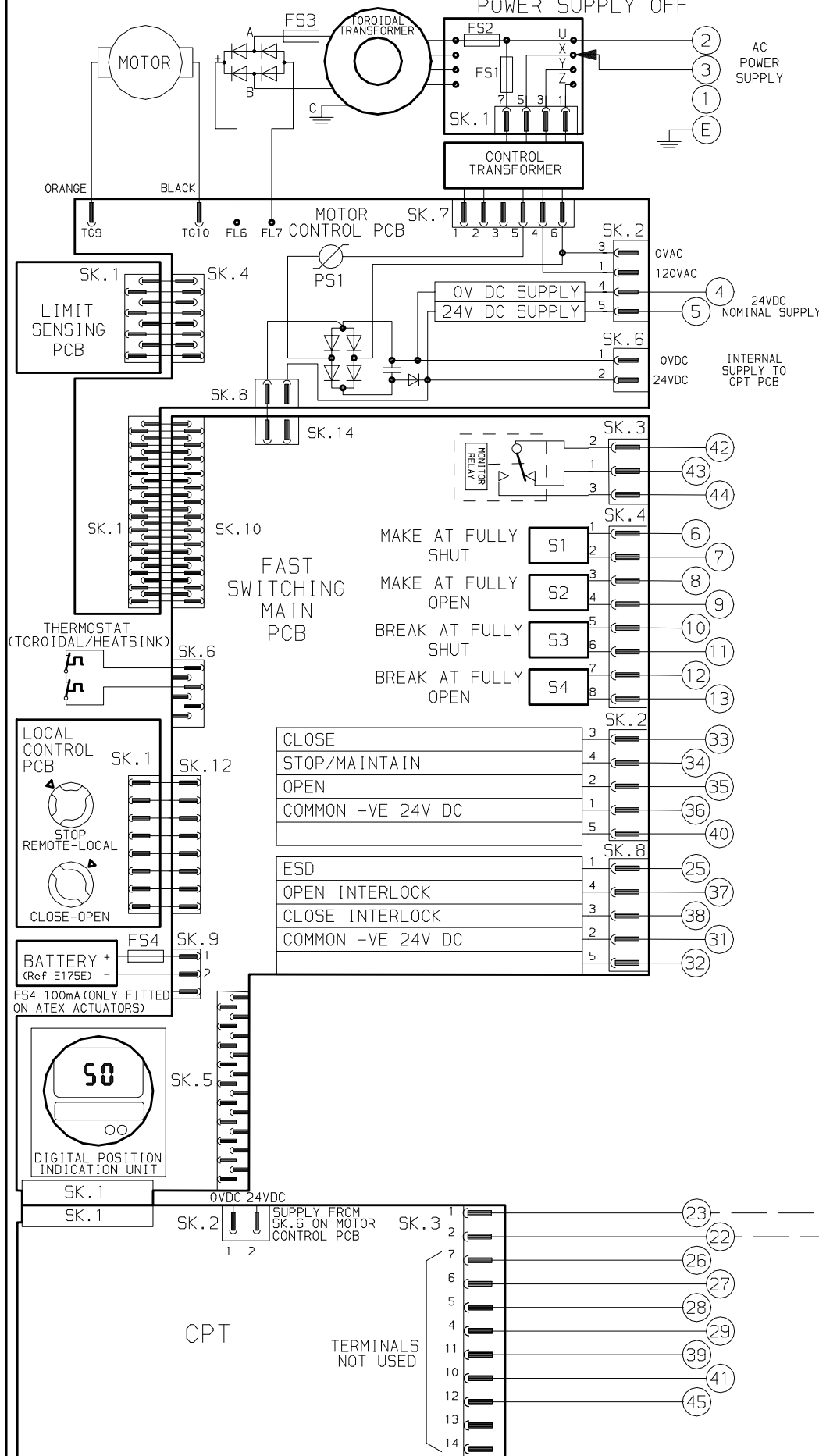
WIRES ARE IDENTIFIED AT EACH END
BY TERMINAL No. OR TAG No.

+ve 24VDC NOMINAL
-ve (20-40VDC MAX)

NOTE-UNDER LOSS OF AC POWER
CPT OUTPUT WILL GO TO 4mA

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	160114	First Issue

www.rotork.com

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CONFIG BY JC1
DATE 160114
CHECKED PJW
BASE WD 7060-000
JOB No .
M.I.No MI03216

IQTM + EXT PWR CPT

CIRCUIT DIAGRAM No -REV 101
7060-000-01

B1 C1 B2 C2