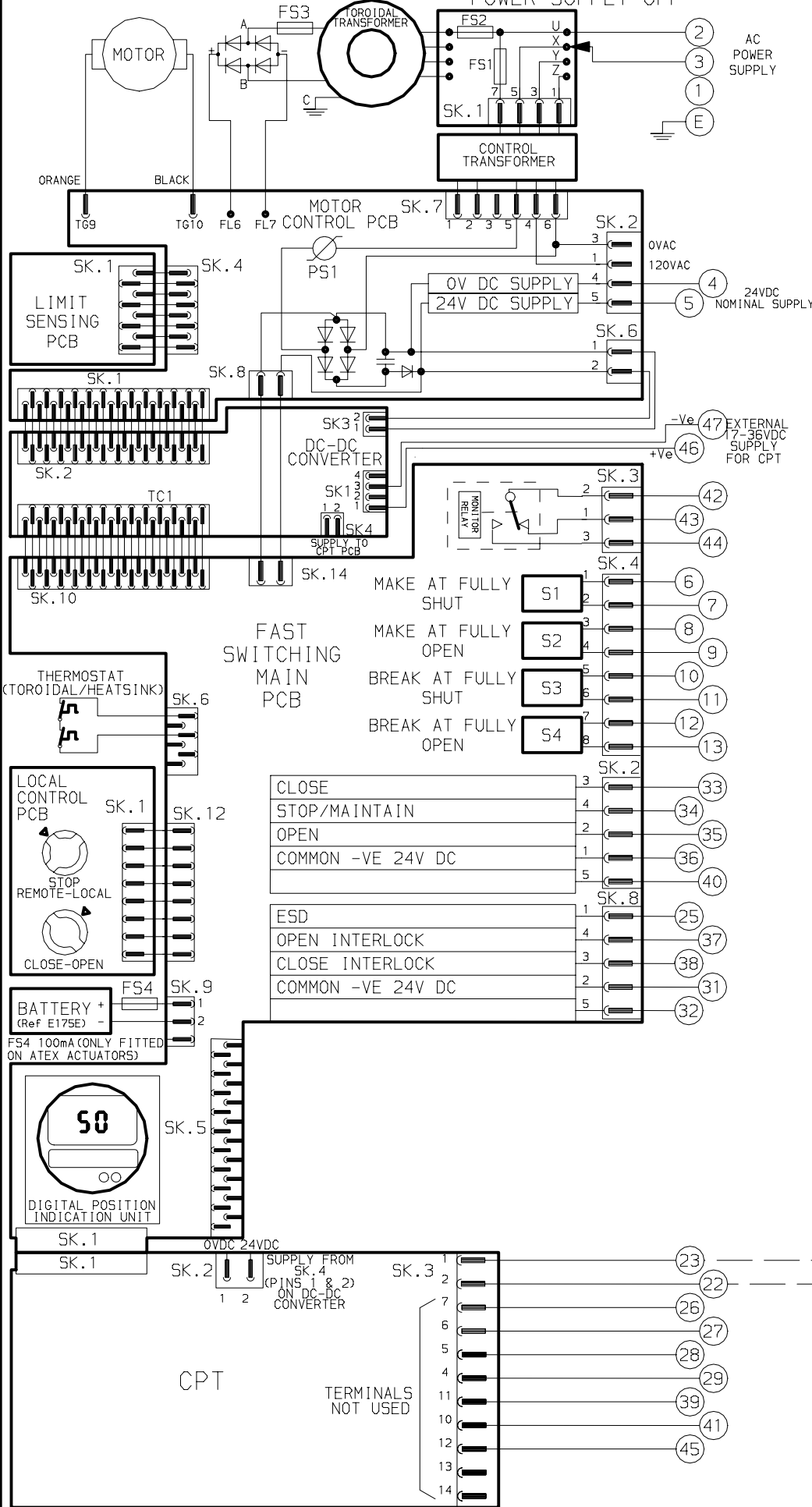


CIRCUIT DRAWN WITH  
POWER SUPPLY OFF



FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**RWS700**

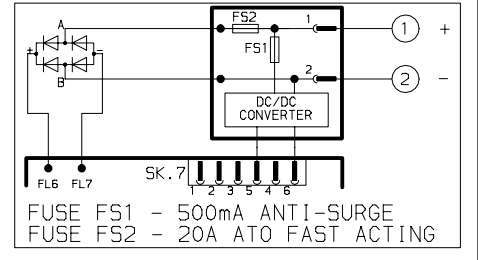
TRANSFORMER TAPPING OPTIONS

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



FUSE FS1 - 500mA ANTI-SURGE  
FUSE FS2 - 20A ATO FAST ACTING

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 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.

CPT WILL FUNCTION NORMALLY WITH  
3-PH POWER & NO AUX PWR,  
BUT ON LOSS OF 3-PH CPT OUTPUT WILL  
GO TO 0mA UNLESS AUX PWR IS FITTED

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
02	110407	IQ PRO UPDATE. EC2198/1

**www.rotork.com**

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BATH, BA1 3JQ  
ENGLAND  
Tel: 01225-733200

ROTORK CONTROLS INC  
ROCHESTER  
NY 14624, USA  
Tel: 585-328-1550

CONFIG BY PJW  
DATE 140206  
CHECKED DA  
BASE WD 7040-000  
JOB No -  
M.I.No -

IQTM + AUX POWERED CPT

CIRCUIT DIAGRAM No -REV 107  
**7040-000-02**

B1 C1 B2 C2