

CIRCUIT DRAWN WITH  
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**RWS320**

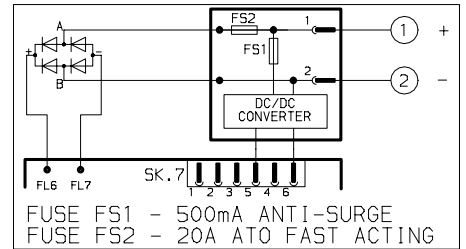
TRANSFORMER TAPPING OPTIONS

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 E175E3 FOR  
APPROVED FUSES FS1 AND FS2.

SIL2/3 APPLICATIONS

ACTUATOR IS TuV CERTIFIED FOR SIL2/3  
APPLICATIONS ONLY WHEN INSTALLED,  
COMMISSIONED, OPERATED & MAINTAINED  
IN STRICT ACCORDANCE WITH THE IQ PRO  
SAFETY MANUAL - PUBLICATION E173E3.  
MAX LOAD ON TERMINALS 4 & 5 = 5W  
REMOTE CONTROL SIGNAL THRESHOLD  
VOLTAGES FOR GUARANTEED OPERATION:  
"ON" = >20V / "OFF" = <=3V  
MINIMUM SIGNAL DURATION = >=100ms  
NOMINAL CURRENT DRAWN FROM EACH  
CONTROL SIGNAL IS 5mA

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

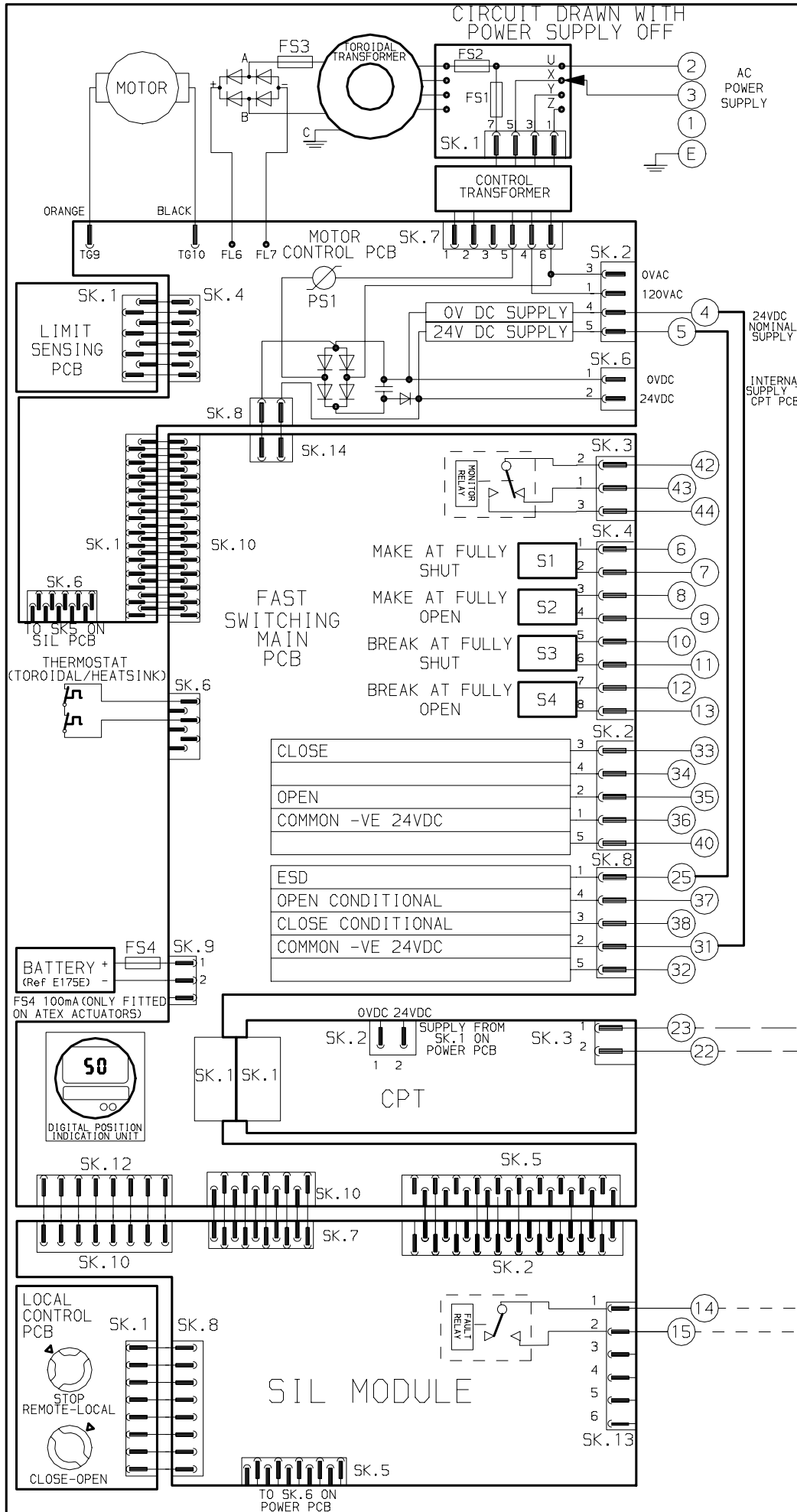
NOTE-UNDER LOSS OF AC POWER  
CPT OUTPUT WILL GO TO 4mA

FOR DETAILS OF CPT FUNCTIONS  
REFER TO ROTORK PUBLICATION E120E

LINK FITTED BY ROTORK

FAULT RELAY

INDICATION CONTACTS S1-S4 ARE SHOWN  
IN THEIR DEFAULT CONFIGURATION.  
CONTACTS MAY BE CONFIGURED FOR ANY  
OF THE FUNCTIONS DESCRIBED IN E175E3



No	DATE	REVISION DETAILS
01		

**www.rotork.com**

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CONFIG BY PJW  
DATE 110210  
CHECKED JC1  
BASE WD 7060-000  
JOB No -  
M.I.No -

**IQTM + SIL PCB & EXT  
PWR CPT**

CIRCUIT DIAGRAM No -REV 101  
**7060S000-01**

B1 C1 B2 C2