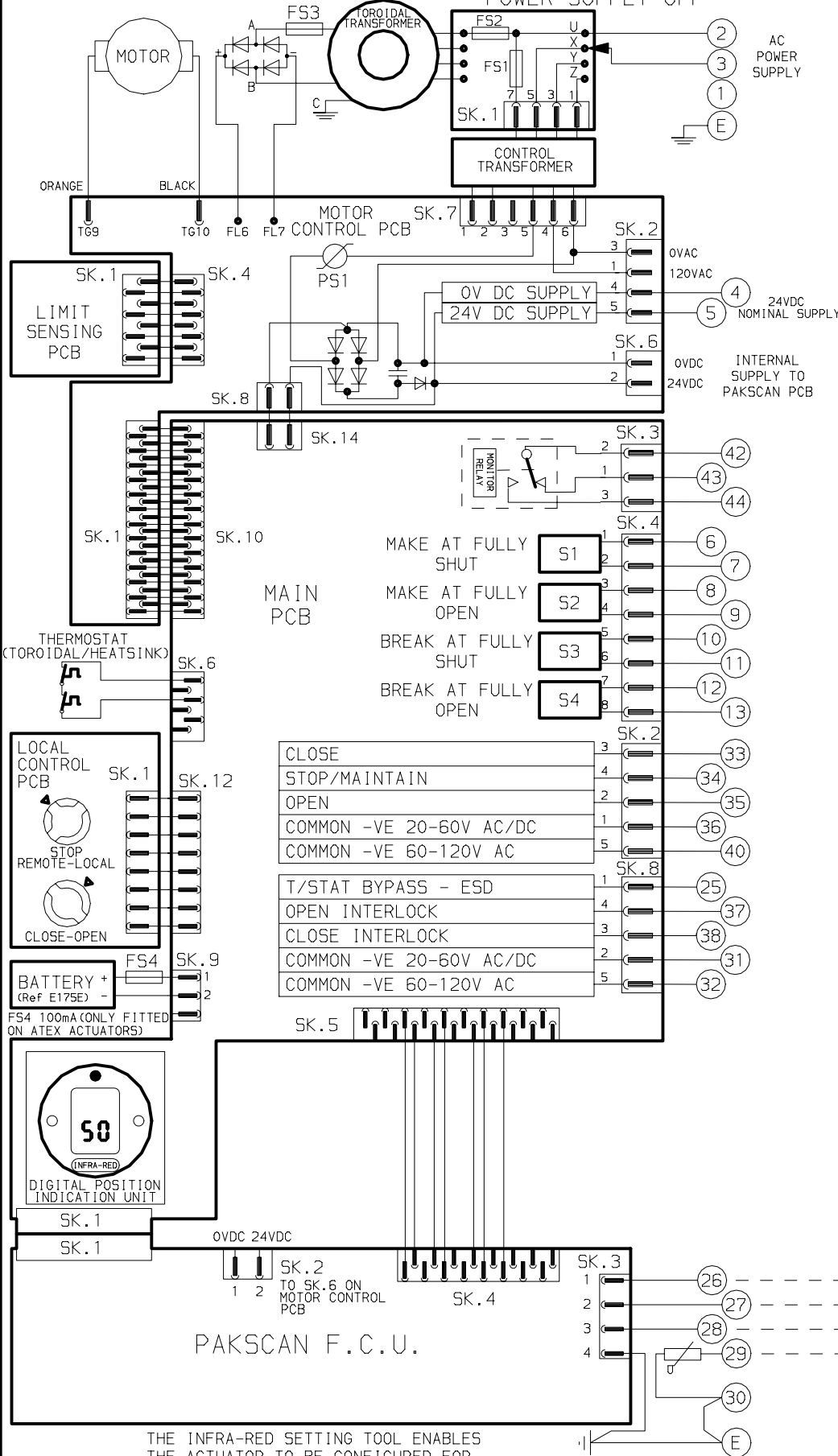


CIRCUIT DRAWN WITH  
POWER SUPPLY OFF



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.

FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**No RWS**

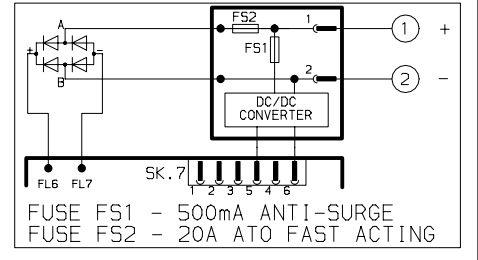
TRANSFORMER TAPPING OPTIONS

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 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 ARE NOT CONNECTED DIRECTLY OR INDIRECTLY TO GROUND.

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

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	090903 P.J.W	MTR CONNECTION NOTE REMOVED CHECKED T.H

**www.rotork.com**

ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel: 01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel: 585-328-1550
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CONFIG BY PJW  
DATE 010803  
CHECKED TH  
BASE WD 6000-200  
JOB No -  
M.I.No -

IQT + PAKSCAN

CIRCUIT DIAGRAM No -REV 107  
**6000-200-02**

**B1 C1 B2 C2**