

CIRCUIT DRAWN WITH  
POWER SUPPLY OFF

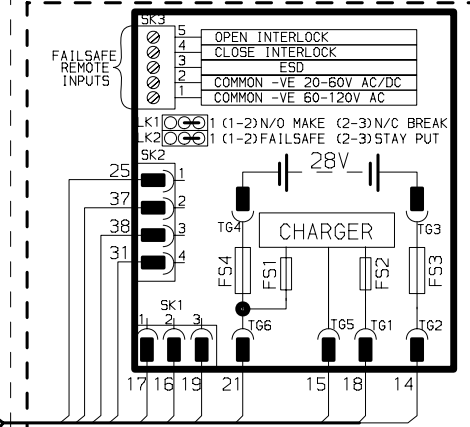
FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**No RWS**

**TRANSFORMER TAPPING OPTIONS**

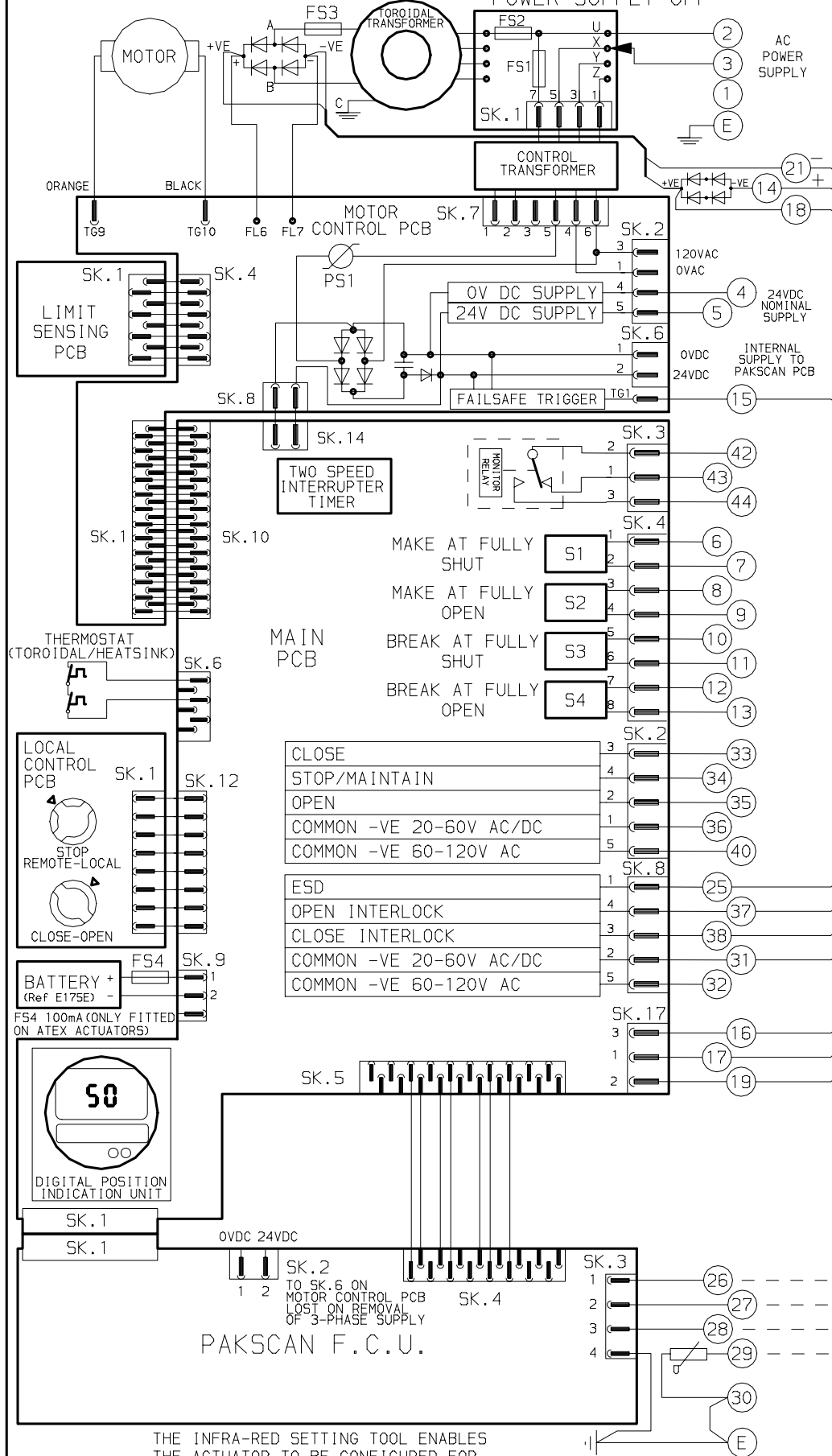
TYPE 1			TYPE 2		
TAP	NOM	RANGE	TAP	NOM	RANGE
X	100	80-120	X	200	160-240
Y	110	88-132	Y	230	184-276
Z	120	96-144	Z	270	216-324
FS1-250mA A/S FS2-5A A/S			FS1-150mA A/S FS2-2.5A A/S		

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		

ALL TRANSFORMER TYPES -  
FUSE FS3 - 20A ATO FAST ACTING  
PS1 SELF RESETTING FUSE



**BATTERY PACK**  
FOR DETAILS SEE PUBLICATION E120E  
FS3, FS4 - 20A ATO FAST ACTING  
FS1, FS2 - 2A 20mm QUICK BLOW  
FAILSAFE OPERATION, ON LOSS OF 3-PHASE  
CUSTOMER SUPPLY ON 4 & 5 IS ALSO LOST.  
IF AN INTERNAL SUPPLY IS REQUIRED FOR  
FAILSAFE OPERATION THE 24VDC ON 21 & 14  
MUST BE USED.  
LK1 ESD POLARITY DEFAULT N/O MAKE FOR ESD  
LK2 FAILSAFE OPTION DEFAULT FAILSAFE  
ACTUATOR ESD ACTION(A1) DEFAULT STAY PUT  
ESD CONTACT(A2) DEFAULT N/O MAKE FOR ESD  
REFER TO PUBLICATION E175E FOR  
APPROVED FUSES FS1, FS2 AND FS3.  
MAX EXTERNAL LOAD TERMINALS 4 & 5 TO BE 5W.  
CONTROL SIGNAL THRESHOLD VOLTAGES  
TO BE MINIMUM 'ON' 20V, MAXIMUM 'OFF' = 3V  
MINIMUM CONTROL SIGNAL DURATION  
TO BE 300ms  
CURRENT DRAWN FROM EACH REMOTE  
CONTROL SIGNAL IS 5mA ON 24V DC



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.

- 2 WIRE 'A' (IN)
- 2 WIRE 'B' (OUT)
- 2 WIRE 'C' COMMON
- SCREEN
- PAKSCAN ONLY
- CARE SHOULD BE TAKEN TO ENSURE  
THAT CIRCUITS CONNECTED TO  
TERMINALS 4 OR 5 ARE NOT CONNECTED  
DIRECTLY OR INDIRECTLY TO GROUND.

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		

**www.rotork.com**

ROTORK CONTROLS LTD  
BATH, BA1 3JQ  
ENGLAND  
Tel: 01225-733200

ROTORK CONTROLS INC  
ROCHESTER  
NY 14624, USA  
Tel: 585-247-2304

CONFIG BY PJW  
DATE 261009  
CHECKED JC1  
BASE WD 6009-200  
JOB No -  
M.I.No -

**IQT + PAKSCAN + TIMER  
& BATTERY PACK.**

CIRCUIT DIAGRAM No -REV 101  
**6009-210-01**

B1 C1 B2 C2