

CIRCUIT DRAWN WITH POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT RWS700

TRANSFORMER TAPPING OPTIONS

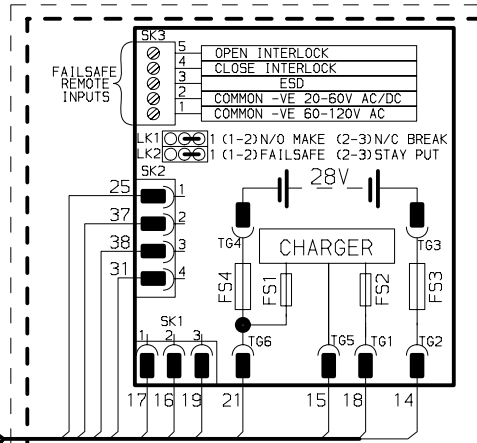
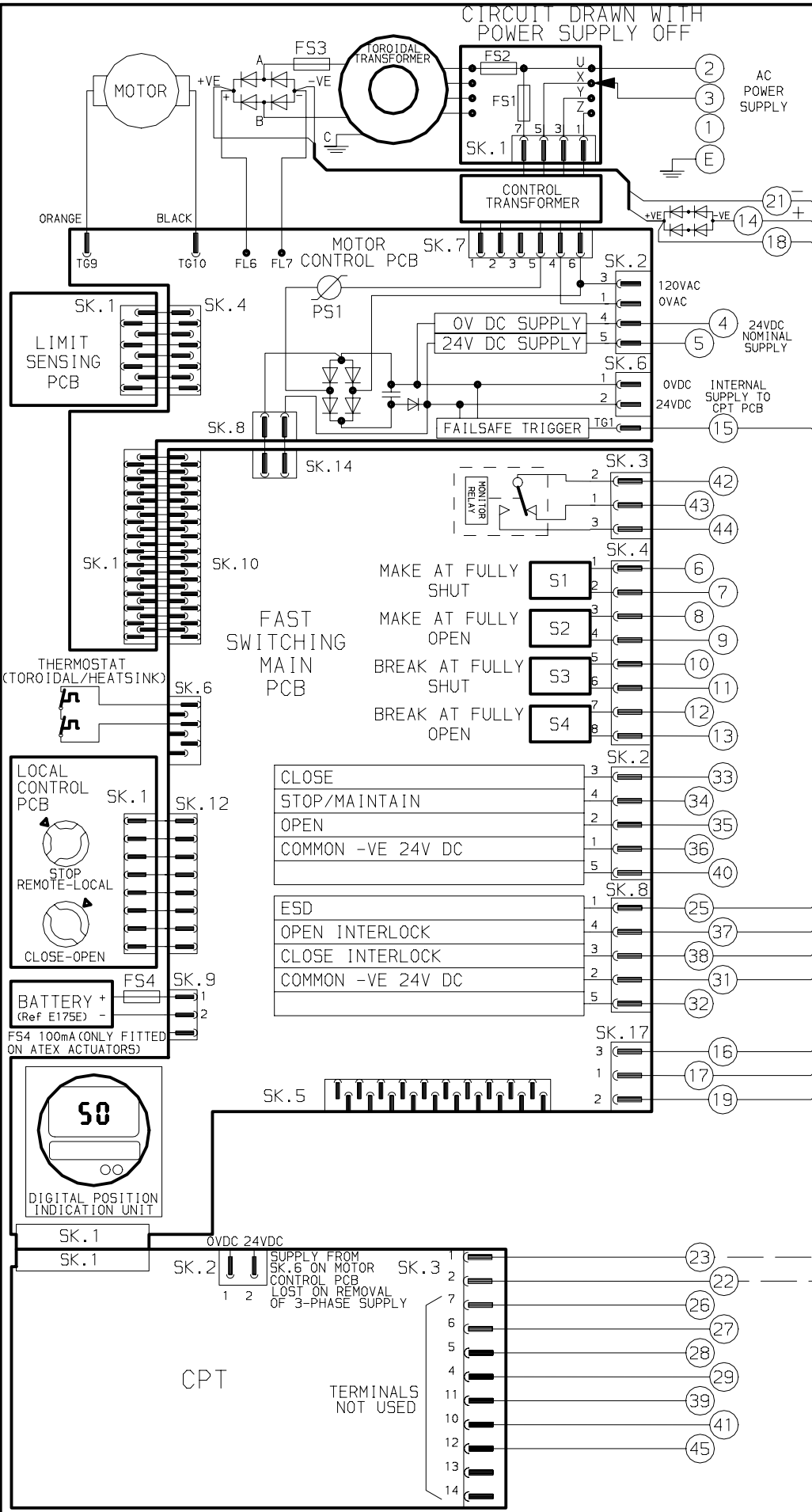
TYPE 1 TYPE 2

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		

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) DEFAULT STAY PUT
 ESD CONTACT (A2) DEFAULT N/O MAKE FOR ESD

NOTE
 REFER TO PUBLICATION E175E FOR APPROVED FUSES FS1, FS2 AND FS3.
 MAX EXTERNAL LOAD ON TERMINALS 4 & 5 TO BE 5W.
 WIRES ARE IDENTIFIED AT EACH END BY TERMINAL No. OR TAG No.

FOR DETAILS OF CPT FUNCTIONS REFER TO ROTORK PUBLICATION E120E
 CONTROL SIGNAL THRESHOLD VOLTAGES TO BE MINIMUM 'ON' 20V AC/DC
 MAXIMUM 'OFF' = 3V
 MINIMUM CONTROL SIGNAL DURATION MAIN PCB TO BE 100ms
 FAILSAFE REMOTES TO BE 300ms
 CURRENT DRAWN FROM EACH REMOTE CONTROL SIGNAL IS 5mA ON 24V DC OR 12mA ON 120V AC
 INDICATION CONTACTS S1-S4 ARE SHOWN IN THEIR DEFAULT CONFIGURATION. CONTACTS MAY BE CONFIGURED FOR ANY OF THE FUNCTIONS DESCRIBED IN E175E

No 03	DATE 110407	REVISION DETAILS IQ PRO UPDATE.	www.rotork.com		CONFIG BY D.A.	IQTM + CPT + BATTERY PACK
		EC2198/1			DATE 021204	
			ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND	ROTORK CONTROLS INC ROCHESTER NY 14624, USA	CHECKED PJW	CIRCUIT DIAGRAM No -REV 107
			Tel:01225-733200	Tel:585-328-1550	BASE WD 7019-000	7019-000-03
					JOB No -	B1 C1 B2 C2
					M.I.No -	