

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
RWS701

TRANSFORMER TAPPING OPTIONS

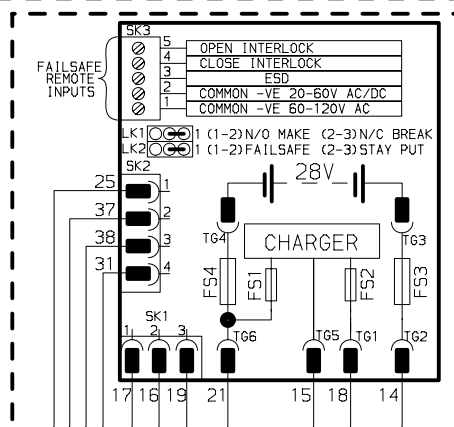
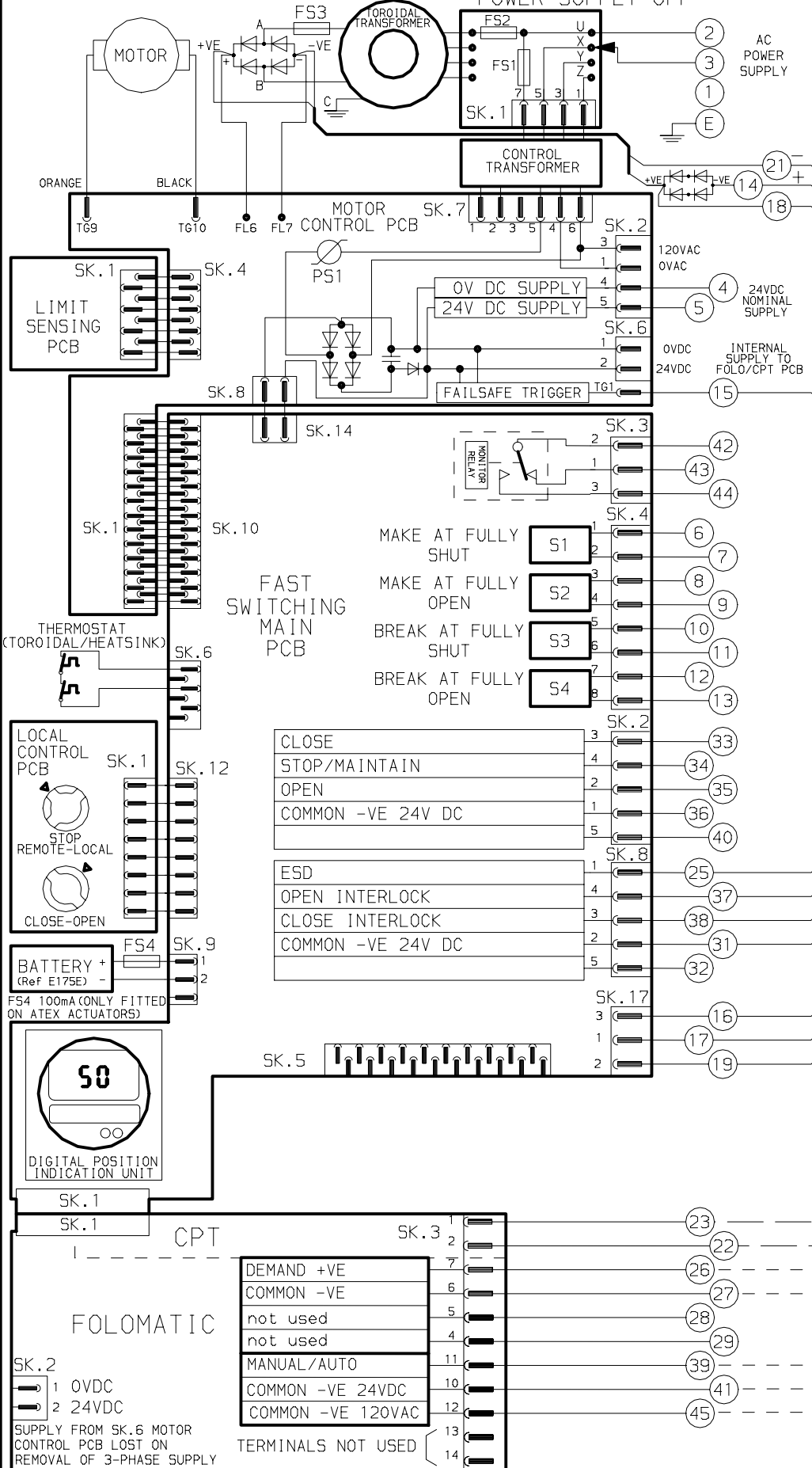
TYPE 1 TYPE 2

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 (A) 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 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 100mS.

CURRENT DRAWN FROM EACH REMOTE
CONTROL SIGNAL IS 5mA ON 24V DC
-ve +ve

ANALOGUE INPUT SIGNAL FOR FOLOMATIC

FOR MANUAL/AUTO CONNECTIONS AND
DETAILS OF FOLOMATIC/CPT FUNCTIONS
REFER TO ROTORK PUBLICATION E120E

FOR MANUAL/AUTO CONFIGURATION
SETTINGS, PLEASE REFER TO E175E

WIRES ARE IDENTIFIED AT EACH END
BY TERMINAL No. OR TAG No.
INDICATION CONTACTS S1-S4 ARE SHOWN
IN THEIR DEFAULT CONFIGURATION.
CONTACTS MAY BE CONFIGURED FOR ANY
OF THE FUNCTIONS DESCRIBED IN E175E

No 04	DATE 110407	REVISION DETAILS IQ PRO UPDATE.	www.rotork.com	CONFIG BY D.A.	IQTM + FOLOMATIC + CPT + BATTERY PACK
		EC2198/1		DATE 140604	
			ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel: 01225-733200	CHECKED PJW	CIRCUIT DIAGRAM No -REV 7019-100-04
			ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel: 585-328-1550	BASE WD 7019-100	
				JOB No M.I.No	107 7019-100-04 B1 C1 B2 C2