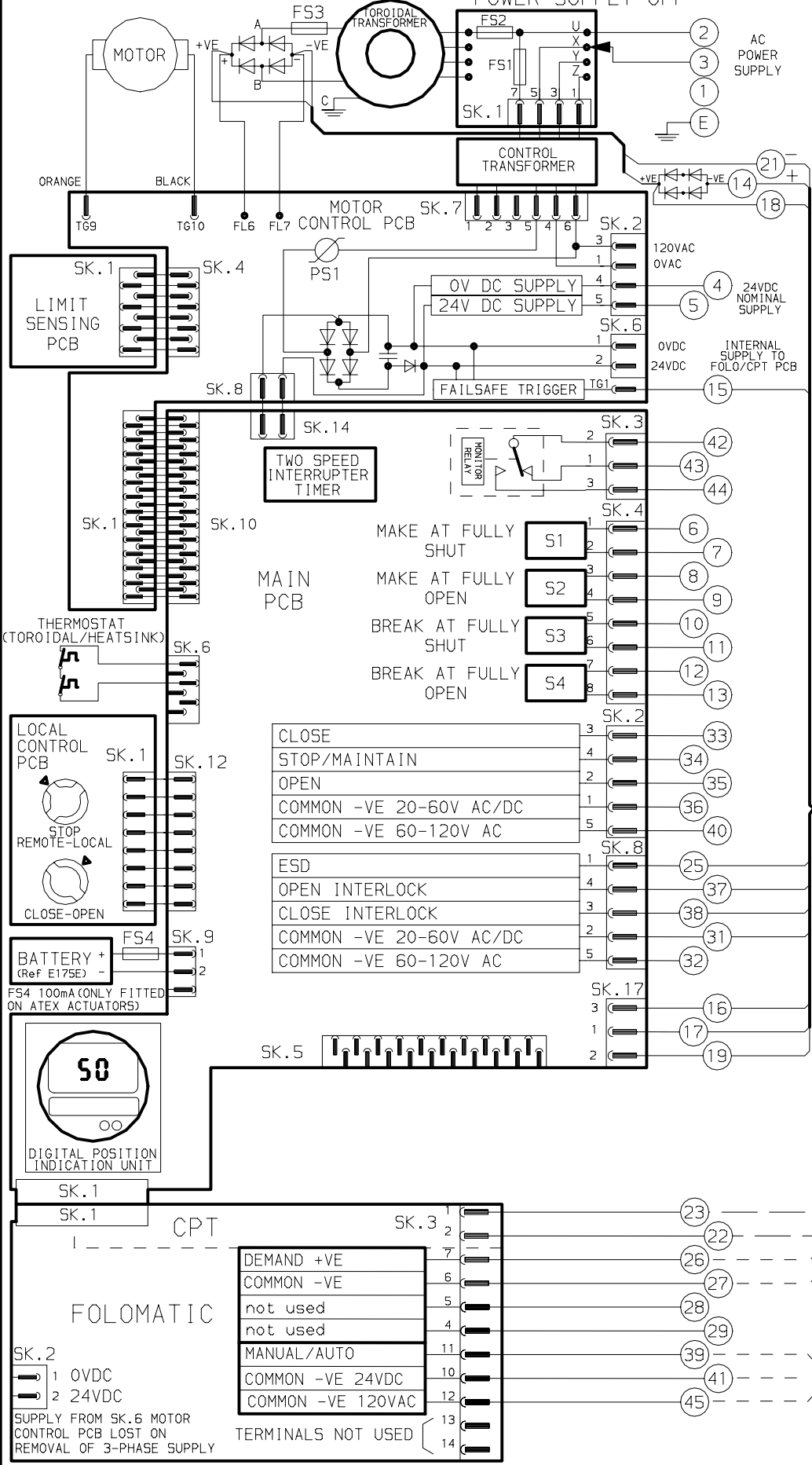


CIRCUIT DRAWN WITH POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT RWS302

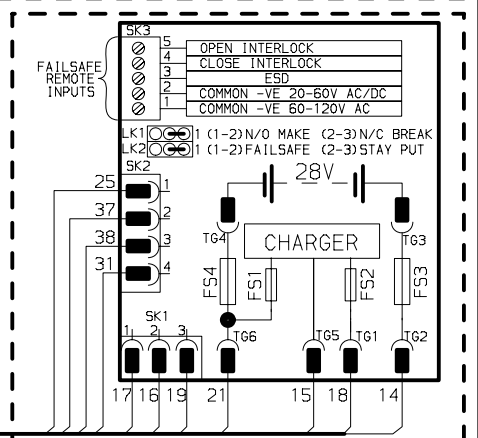


TRANSFORMER TAPPING OPTIONS

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

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

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 01	DATE	REVISION DETAILS	www.rotork.com		CONFIG BY PJW	IQT + FOLOMATIC + CPT + BATTERY PACK & TIMER
					DATE 290507	
			ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND	ROTORK CONTROLS INC ROCHESTER NY 14624, USA	CHECKED DA	CIRCUIT DIAGRAM No -REV 6019-110-01
			Tel: 01225-733200	Tel: 585-328-1550	BASE WD 6019-110 JOB No - M.I.No -	