

CIRCUIT DRAWN WITH POWER SUPPLY OFF

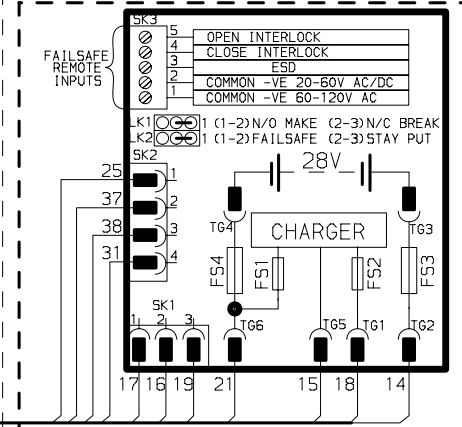
FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT RWS302

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		

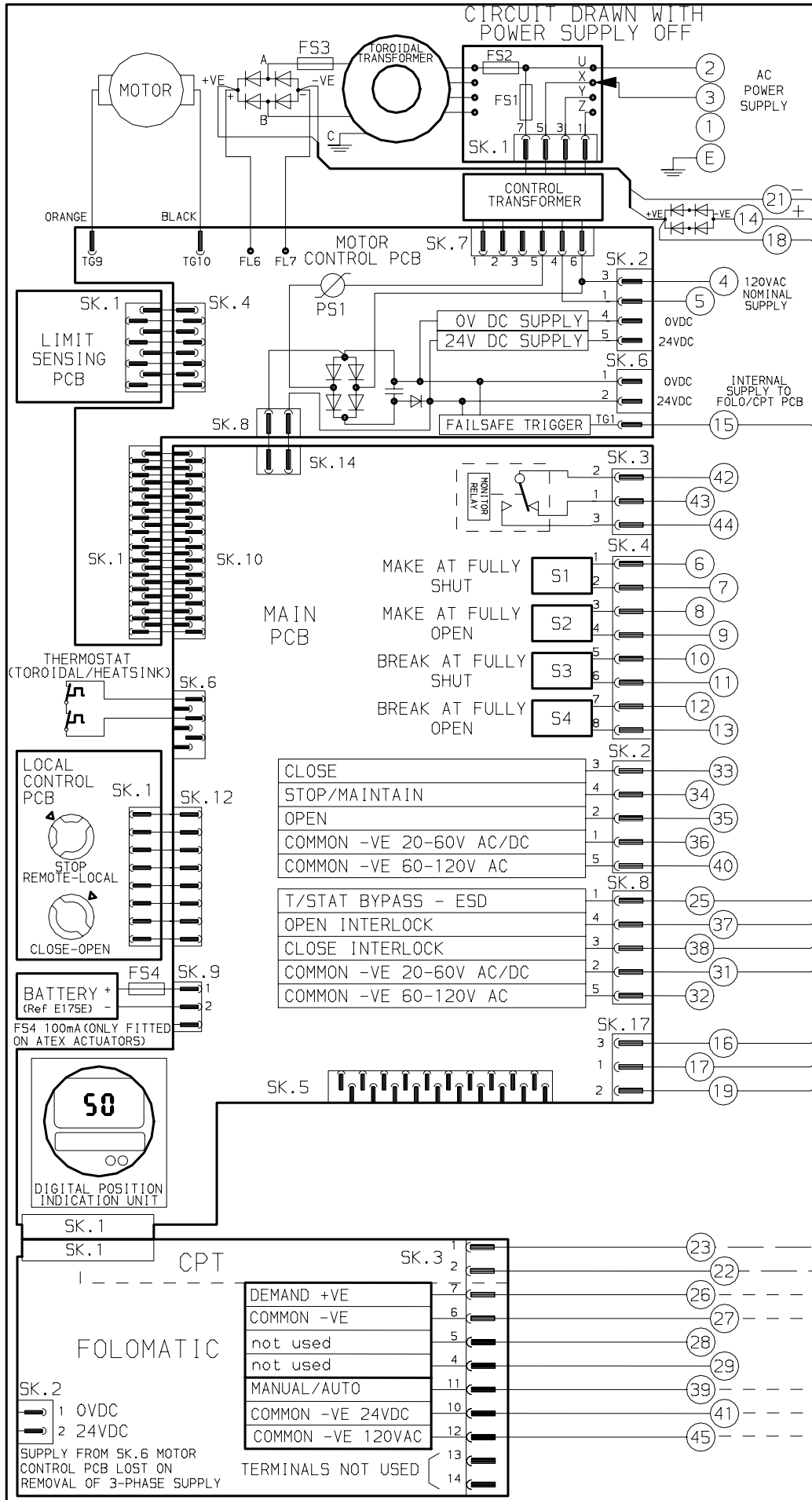
TYPE 3			TYPE 4		
TAP	NOM	RANGE	TAP	NOM	RANGE
X	380	304-456	X	480	384-576
Y	400	320-480	Y	575	460-690
Z	415	332-498	Z	690	552-828
FS1-100mA A/S FS2-1.5A A/S			FS1-50mA A/S FS2-1.6A F/A		

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 9VA.  
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 <b>01</b>	DATE	REVISION DETAILS	<b>www.rotork.com</b>		CONFIG BY PJW	<b>IQT+FOLO/CPT+120VAC ON 4&amp;5 + BATTERY PACK</b>
					DATE 151010	
			ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel:01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel:585-247-2304	CHECKED JC1	<b>CIRCUIT DIAGRAM No -REV 6019-101-01</b>
					BASE WD 6019-101	
					JOB No -	<b>B1 C1 B2 C2</b>
					M.I.No -	