

CIRCUIT DRAWN WITH POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT RWS302

TRANSFORMER TAPPING OPTIONS

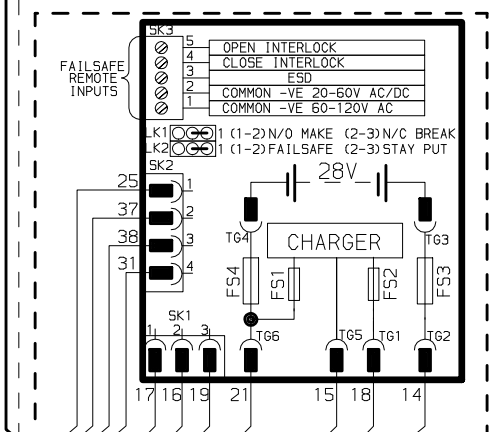
TYPE 1 TYPE 2

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.

NOTE-UNDER LOSS OF AC POWER CPT OUTPUT WILL GO TO 4mA.  
 24VDC NOMINAL (20-40VDC MAX)

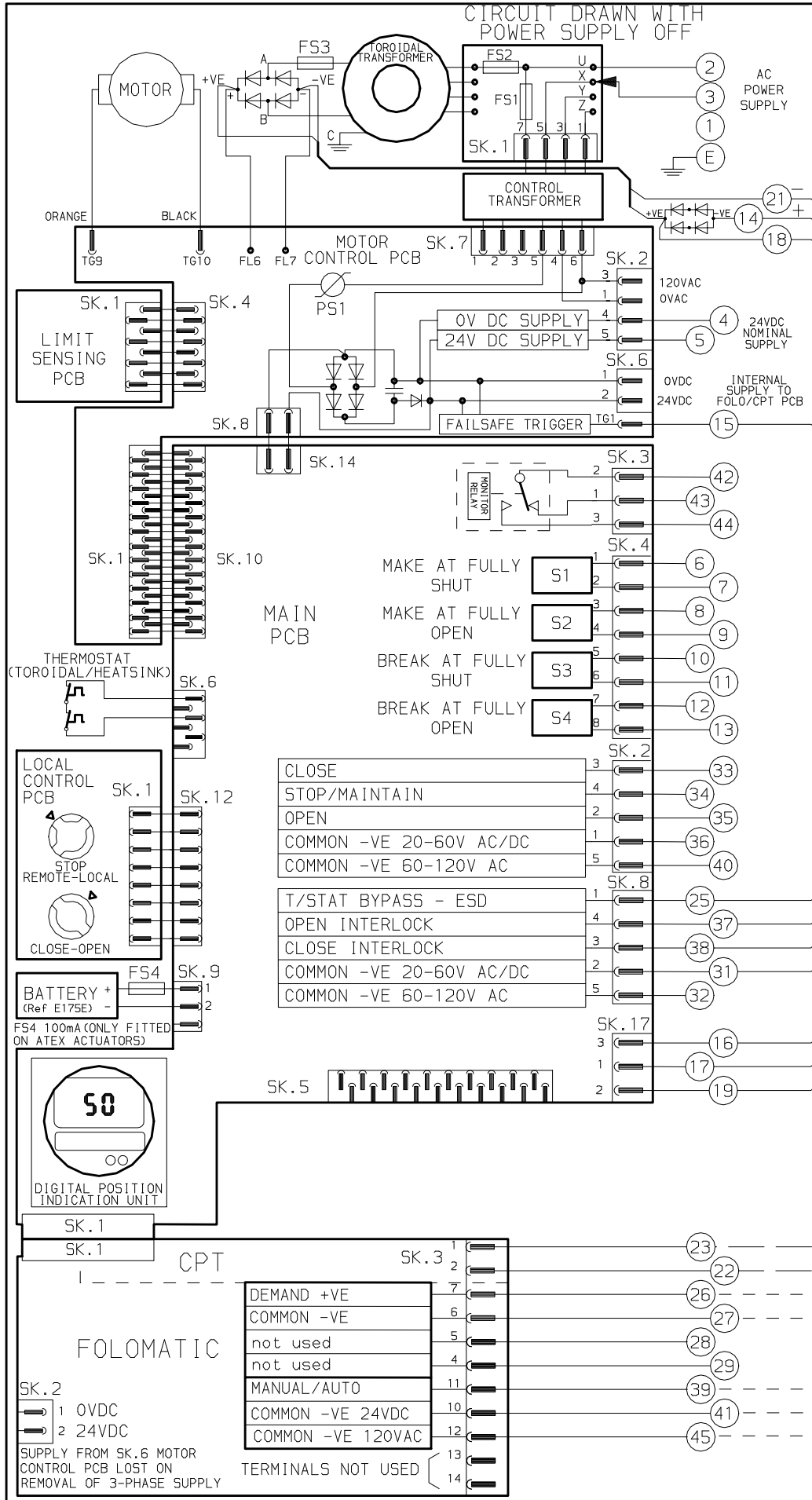
ANALOGUE INPUT SIGNAL FOR FOLOMATIC

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	DATE	REVISION DETAILS
01	030315	FIRST RELEASE.

**www.rotork.com**

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

ROTORK CONTROLS INC  
 ROCHESTER  
 NY 14624, USA  
 Tel: 585-328-1550

CONFIG BY JJB  
 DATE 030315  
 CHECKED PJW  
 BASE WD 6069-100  
 JOB No AK1522  
 M.I.No MI03216

**IQT + FOLOMATIC + EXT PWR CPT + BATTERY PACK**

CIRCUIT DIAGRAM No -REV 101  
**6069-100-01**

B1 C1 B2 C2