

CIRCUIT DRAWN WITH  
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**RWS302**

**TRANSFORMER TAPPING OPTIONS**

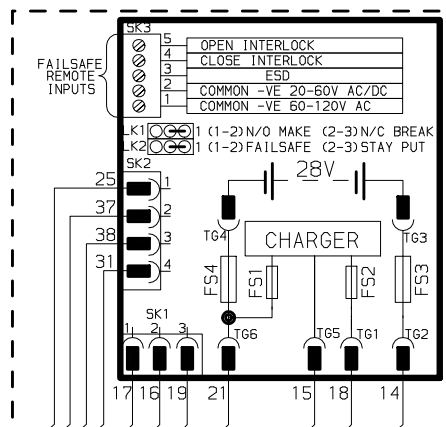
TYPE 1                      TYPE 2

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		

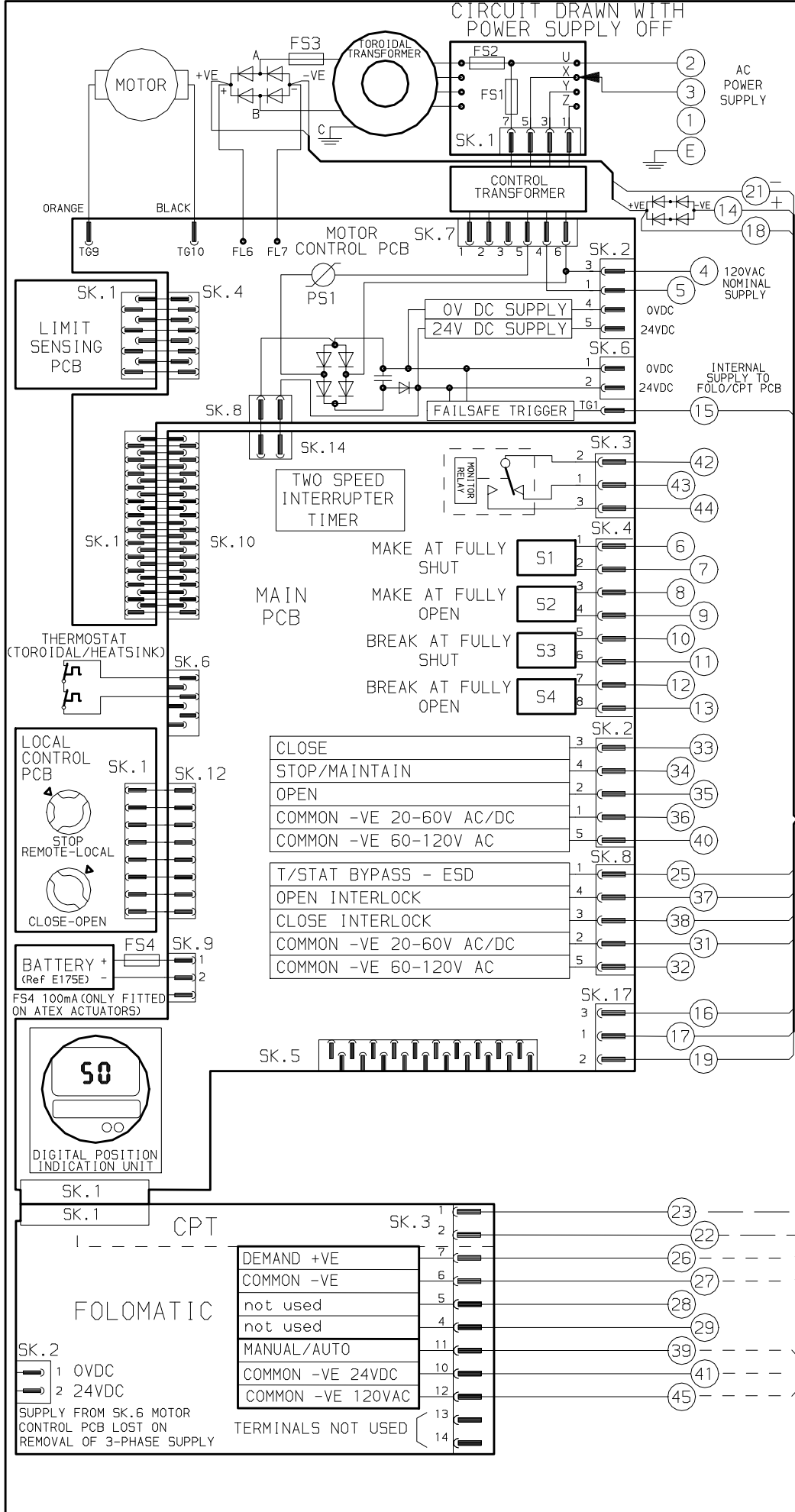
ALL TRANSFORMER TYPES -  
FUSE FS3 - 20A ATO FAST ACTING  
PS1 SELF RESETTING FUSE



**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



No	DATE	REVISION DETAILS
01		

**www.rotork.com**

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ROCHESTER  
NY 14624, USA  
Tel: 585-247-2304

CONFIG BY JC1  
DATE 020511  
CHECKED PJW  
BASE WD -  
JOB No -  
M.I.No -

**IQT+FOL0/CPT+120VAC  
ON 485 + BATT PACK +TIMER**

CIRCUIT DIAGRAM No -REV 101  
**6019-111-01**

B1 C1 B2 C2