

CIRCUIT DRAWN WITH  
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**RWS300**

**TRANSFORMER TAPPING OPTIONS**

TYPE 1

TYPE 2

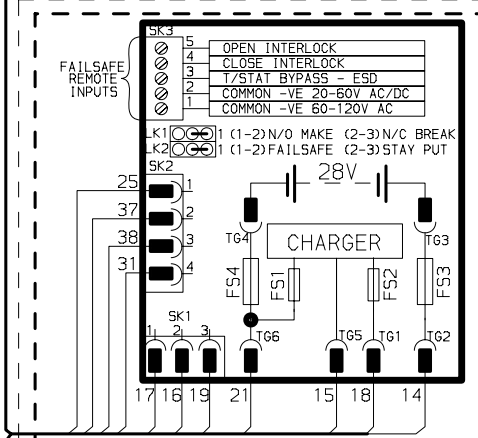
TAP	NOM	RANGE	TAP	NOM	RANGE
X	100	80-120	X	200	160-240
Y	110	88-132	Y	230	184-276
Z	120	96-144	Z	270	216-324
FS1-250mA A/S FS2-5A A/S			FS1-150mA A/S FS2-2.5A A/S		

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 -  
FUZE FS3 - 20A ATO FAST ACTING  
PS1 SELF RESETTING FUZE



**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.

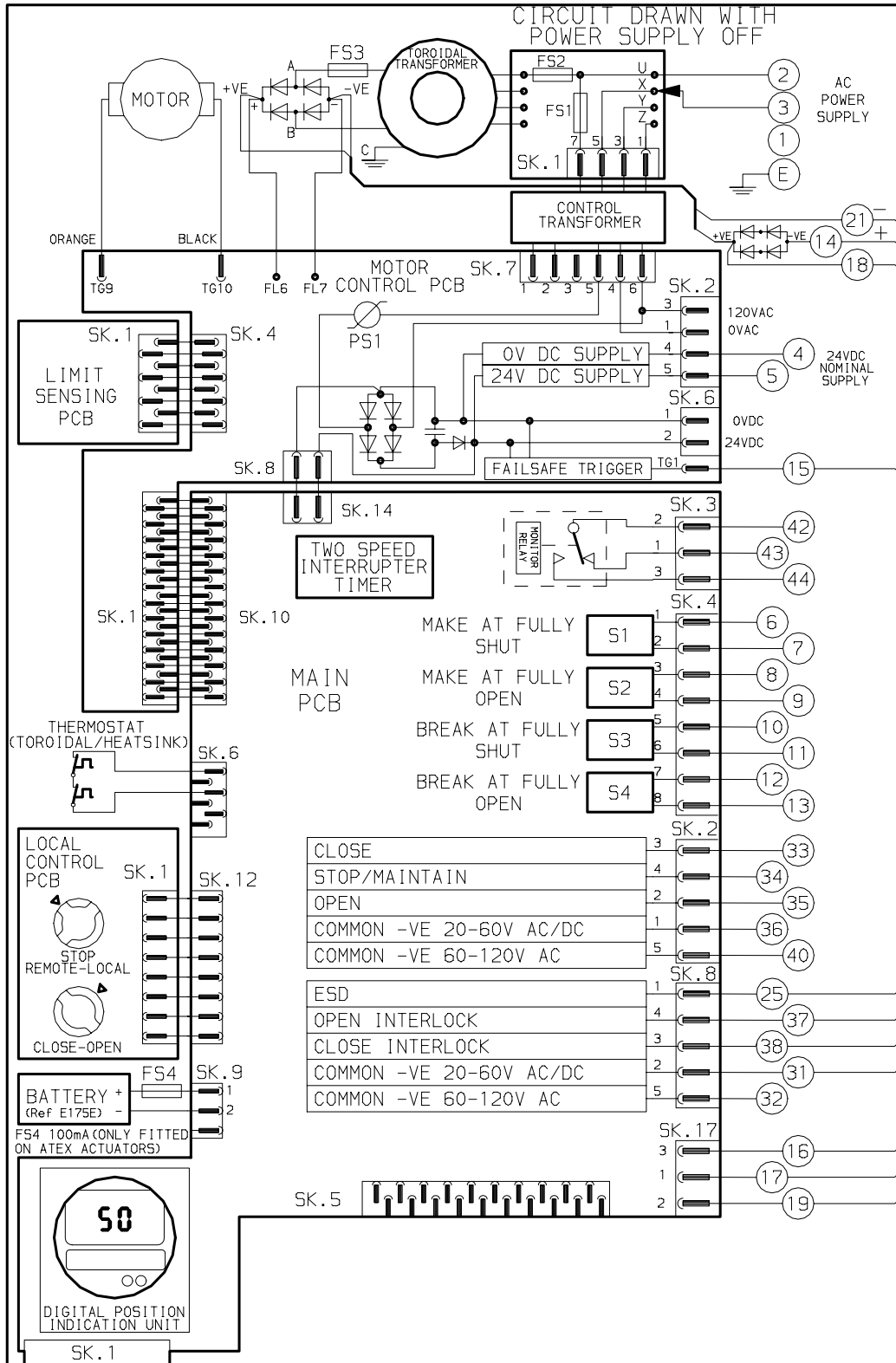
MAX EXTERNAL LOAD ON TERMINALS  
4 & 5 TO BE 5W.

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

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
02	250310 P.J.W	DPIU CORRECTED FOR PRO PCB CHECKED JC1

**www.rotork.com**

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

CONFIG BY JC1  
DATE 270104  
CHECKED PJW  
BASE WD 6009-400  
JOB No -  
M.I.No -

**IQT + BATTERY PACK  
+ TIMER**

CIRCUIT DIAGRAM No -REV 101  
**6009-010-02**

B1 C1 B2 C2