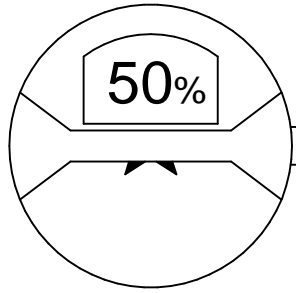
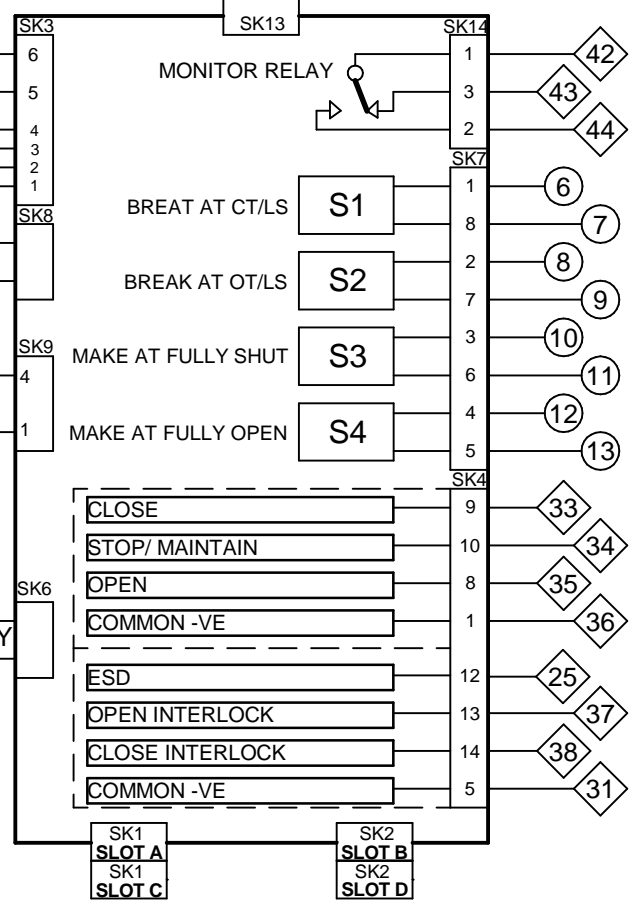
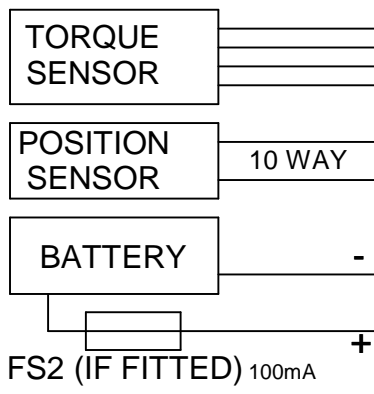


FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS133**

TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
TYPE 1	
W	220/230
X	380/400
Y	400,415/420
Z	440/460
FUSE FS 1=250mA ANTI-SURGE	
TYPE 2	
W	346/380
X	480/500
Y	240/240
Z	550/575
FUSE FS 1=250mA ANTI-SURGE	
TYPE 3	
X	660/660-690
Y	690/-
FUSE FS 1=150mA ANTI-SURGE	

REFER TO SHEET 2 FOR NOTES & OPTION PCB'S IF FITTED

**DO NOT CONNECT TO TERMINALS MARKED**

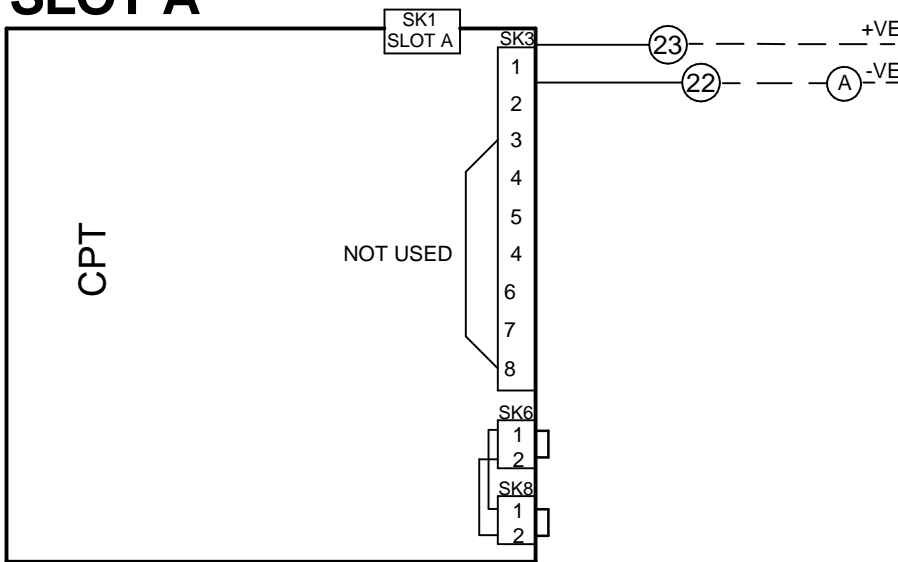


A RANGE WD CODES =  
2221-00 / 4221-00 / 4226-30 /  
2222-00 / 2220-30 / 4222-30

Iss 1	Date DEC-21	Chkd SN	Revision Details First Issue	www.rotork.com	IQ SET + CPT + AUX POWER + INDICATION RELAYS S5-S12	Circuit Diagram Number <b>105S1020</b>	Issue No <b>1</b>	Sheet <b>1</b> of 2
ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel:01225-733200			ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel:585-247-2304					

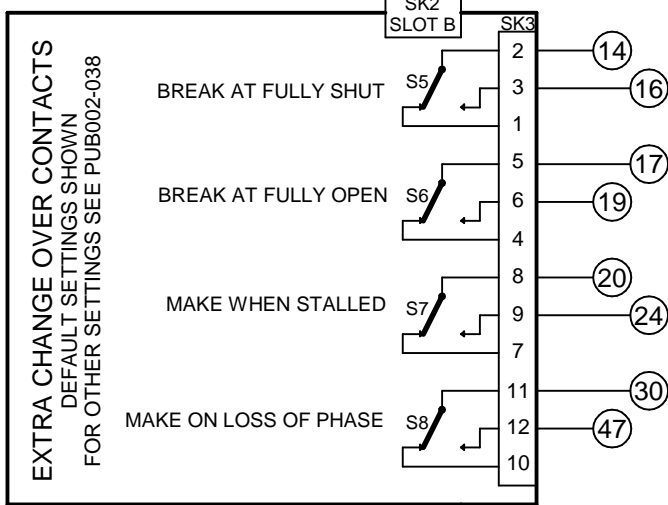
# SLOT A

CIRCUIT DRAWN WITH POWER SUPPLY OFF



23 --- +VE  
22 --- (A) -VE 24VDC NOMINAL (20-40VDC MAX)  
NOTE - UNDER LOSS OF AC POWER  
CPT OUTPUT WILL GO TO 0mA WITHOUT  
DC AUX POWER FROM 28 / 29

# SLOT B



### NOTES

- 1.FUSES:**  
-PS1 is a self-resetting fuse.  
-Refer to publication PUB002-039 for approved fuses FS1 and FS2.  
-Actuator rated voltage specified on nameplate. Voltage tolerance +/-10%, applies for rated torque performance; duty cycle is not guaranteed.
- 2.CONTROL:**  
-Supply provided on terminals 4 & 5 only available when power is applied to the actuator :  
-Max external load 5W at 24Vdc / 5VA at 120Vac  
-Connect motor control contactor coils in series with CT/LS S1(closed) and OT/LS S2(open).  
-Voltage applied to CT/LS & OT/LS must not exceed 120V AC or DC.  
-Maximum individual switching power must not exceed 60W inductive or 150W resistive.

### 3.INDICATION:

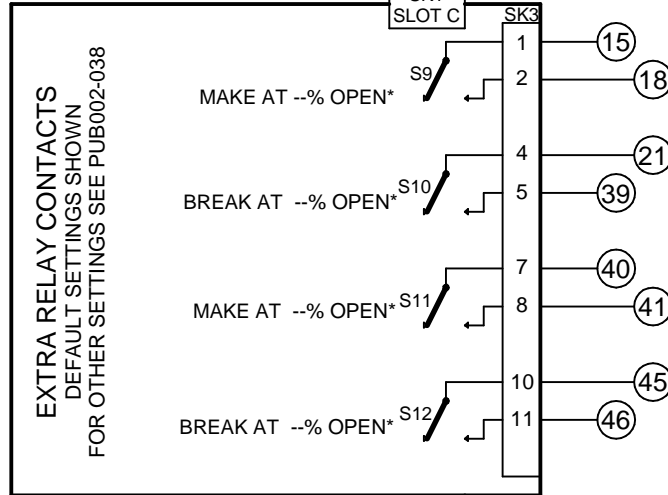
- For typical position, status and alarm indication see PUB002-041.  
-"S" contacts are user configurable and are shown in their default setting.  
-Voltage applied to indication contacts must not exceed 120V AC or DC  
-Maximum individual Switching power must not exceed 60W inductive load or 150W resistive load  
-Total switched current for contacts S1 to S4 must not exceed 8A, with maximum individual current of 5A.

### 4.BATTERY:

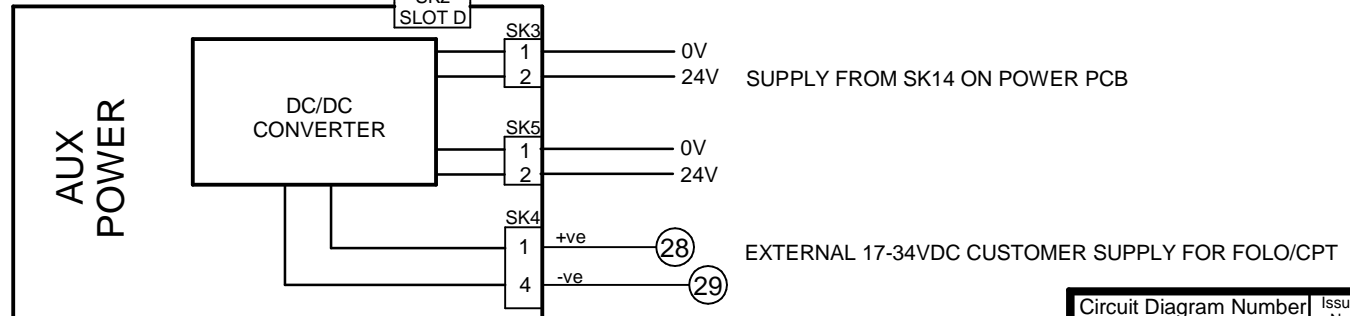
- Battery maintains local and remote "S" contact indication only.  
-Refer to installation manual for approved replacement battery types.

\* FOR FUNCTION POSITION (0-99%), MAKE OR BREAK REFERS TO CONTACT STATUS AFTER TRIPPING WHEN TRAVELLING IN THE OPEN DIRECTION

# SLOT C



# SLOT D



Circuit Diagram Number	Issue No	Sheet
105S1020	1	2 of 2

See Sheet 1 for all Revision details/information