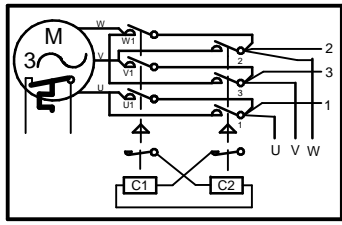


FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT
RWS133

TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
W	200
X	220
Y	400
Z	440

FUSE FS1=250mA ANTI-SURGE



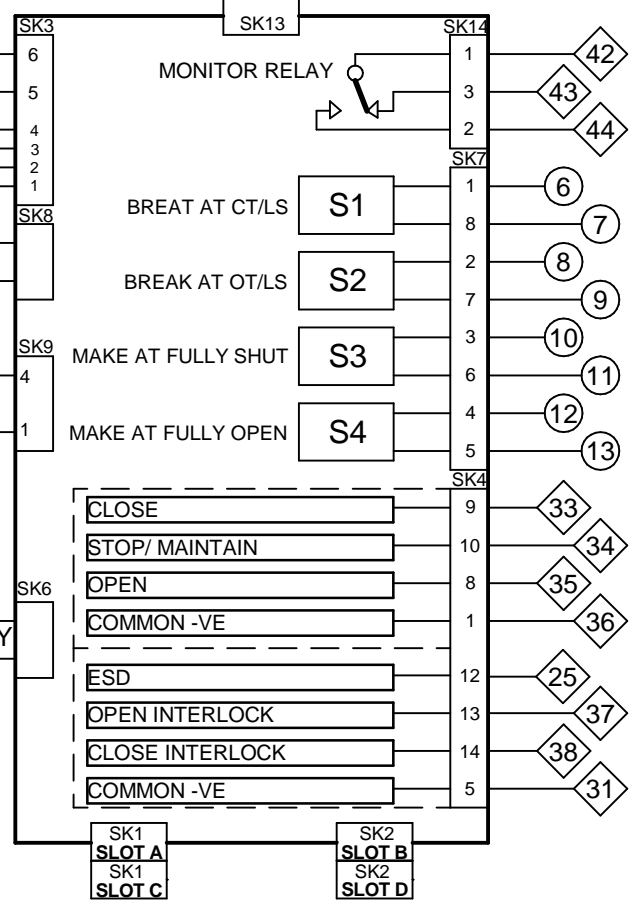
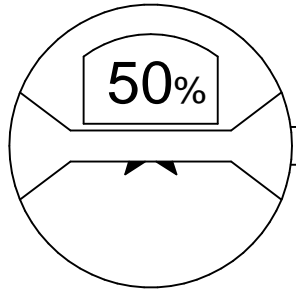
RELAYS ONLY FITTED WHEN 120VAC CONTACTOR IS FITTED FOR IQ40, TO 95

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

DO NOT CONNECT TO TERMINALS MARKED



FS2 (IF FITTED) 100mA

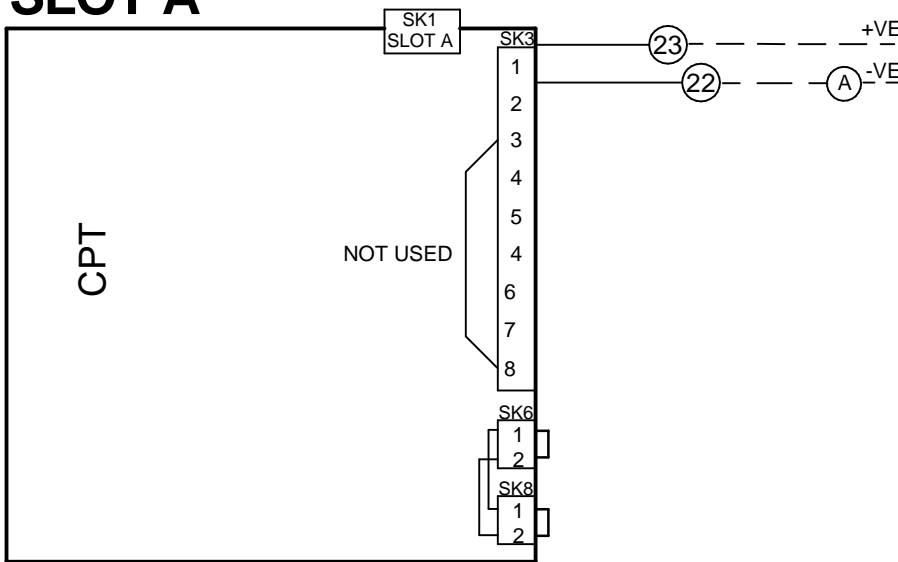


A RANGE WD CODES =
2221-00 / 4221-00 / 4226-30 /
2222-00 / 2220-30 / 4222-30

Iss	Date	Chkd	Revision Details	www.rotork.com		IQ SET + EXT PWR CPT + AUX POWER + EXTRA INDICATION RELAYS S5-S12 JAPAN DIAGRAM																					
1	120422	JC1	First Issue	ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel:01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel:585-247-2304	Drawn by: PJW Date : 120422 Base WD: 505S1020 Job No : -- MI No : --	<table border="1"> <tr> <td colspan="2">Circuit Diagram Number</td> <td>Issue No</td> <td>Sheet</td> </tr> <tr> <td colspan="2">505S1020</td> <td>1</td> <td>1</td> </tr> <tr> <td>92</td> <td>94</td> <td>B1</td> <td>C1</td> </tr> <tr> <td>B2</td> <td>C2</td> <td>J1</td> <td>T1</td> </tr> <tr> <td>A1</td> <td>A2</td> <td>A1</td> <td>A2</td> </tr> </table>	Circuit Diagram Number		Issue No	Sheet	505S1020		1	1	92	94	B1	C1	B2	C2	J1	T1	A1	A2	A1	A2
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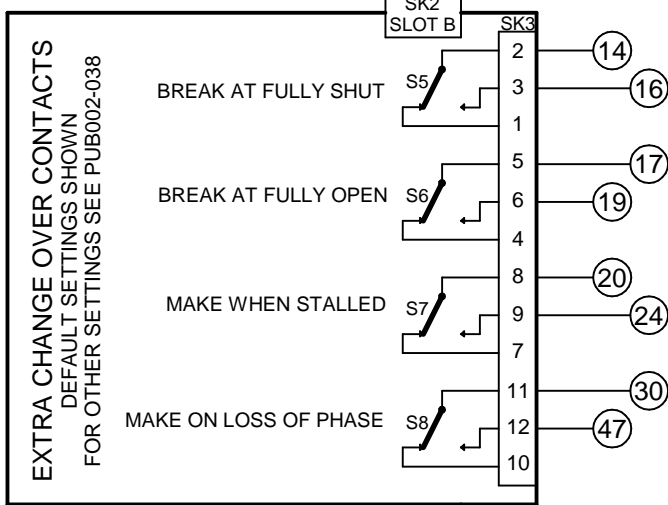
SLOT A

CIRCUIT DRAWN WITH POWER SUPPLY OFF



+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:

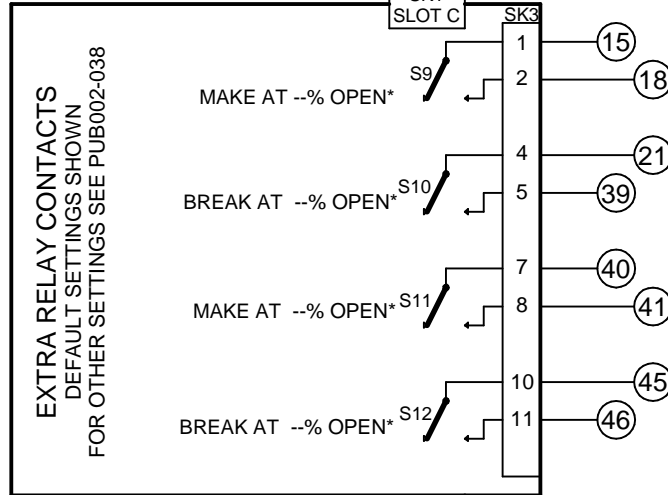
- For typical position, status and alarm indication see PUB002-041.
-"S" contacts are user configurable and are shown in their default setting.
-Voltage applied to indication contacts must not exceed 120V AC or DC
-Maximum individual Switching power must not exceed 60W inductive load or 150W resistive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

4.BATTERY:

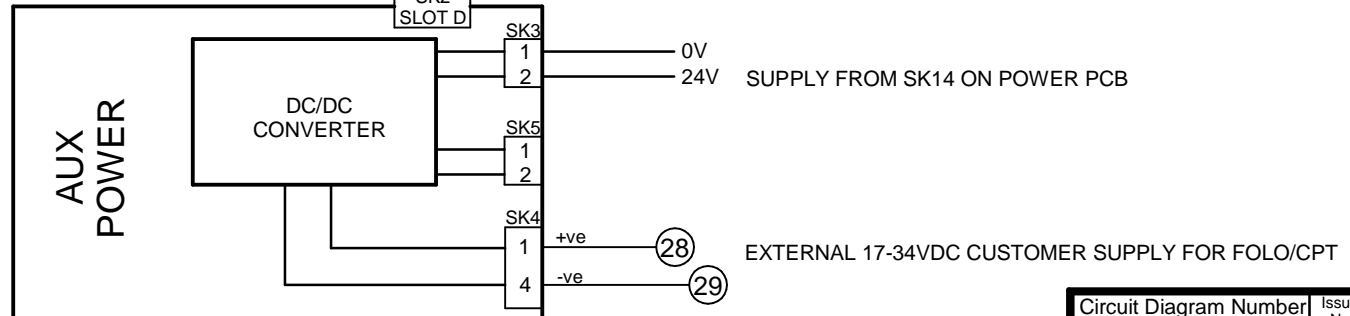
- Battery maintains local and remote "S" contact indication only.
-Refer to installation manual for approved replacement battery types.

* 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
505S1020	1	2
		of 2

See Sheet 1 for all Revision details/information