

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	

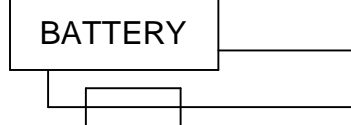
TRANSISTOR SWITCHING FOR 24VDC CONTACTORS (IQ10-35) RELAYS ONLY FITTED WHEN 120VAC CONTACTOR IS FITTED FOR IQ40,70,90,91 & 95

24VDC NOMINAL SUPPLY (OUTPUT) AVAILABLE WHEN POWERED ONLY

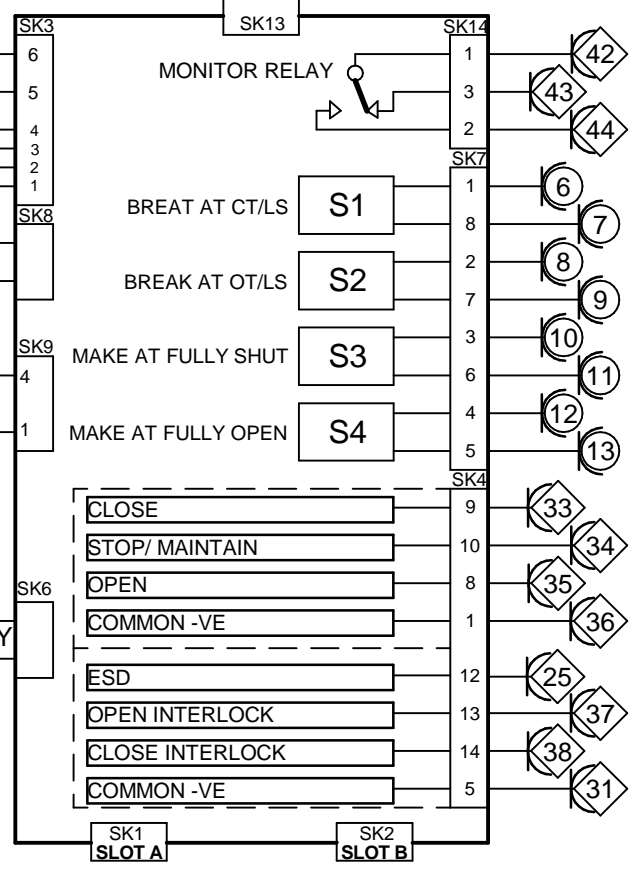
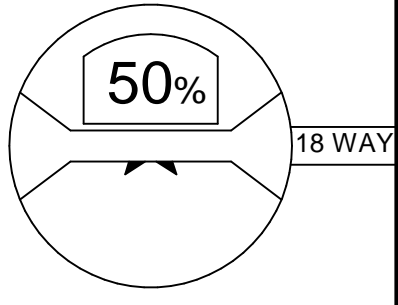
REFER TO SHEET 2 FOR NOTES & OPTION PCB'S IF FITTED

DO NOT CONNECT TO TERMINALS MARKED

= PLUG & SOCKET CONNECTION



FS2 (IF FITTED) 100mA



Iss	Date	Chkd	Revision Details
1	300622	PJW	First Issue

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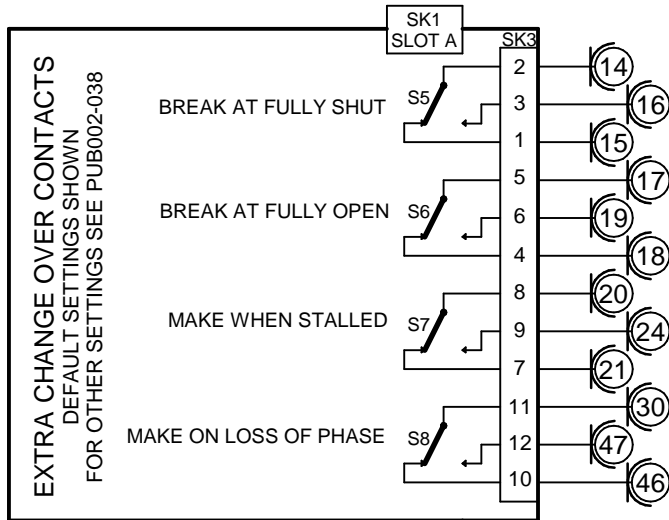
ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel:01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel:585-247-2304
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IQ SET + INDICATION RELAYS (2220-00) + PLUG & SOCKET

Drawn by: NJC Date : 300622 Base WD: 100S0012 Job No : - - MI No : - -	Circuit Diagram Number 100S0012	Issue No 1 Sheet 1 of 2
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92|94|B1|C1|B2|C2|J1|T1

SLOT A



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.

See Sheet 1 for all Revision details/information

Circuit Diagram Number	Issue No	Sheet
100S0012	1	2 of 2