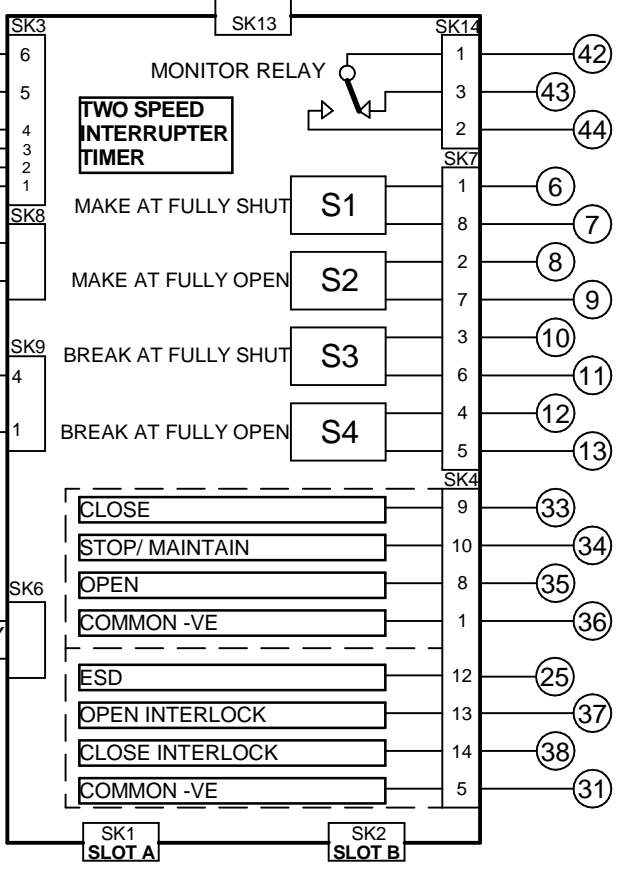
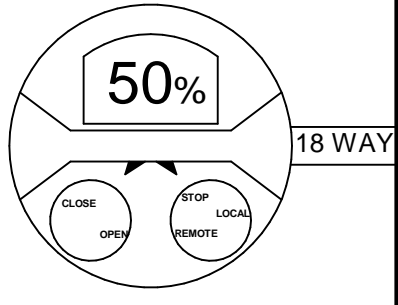
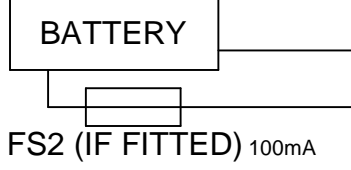


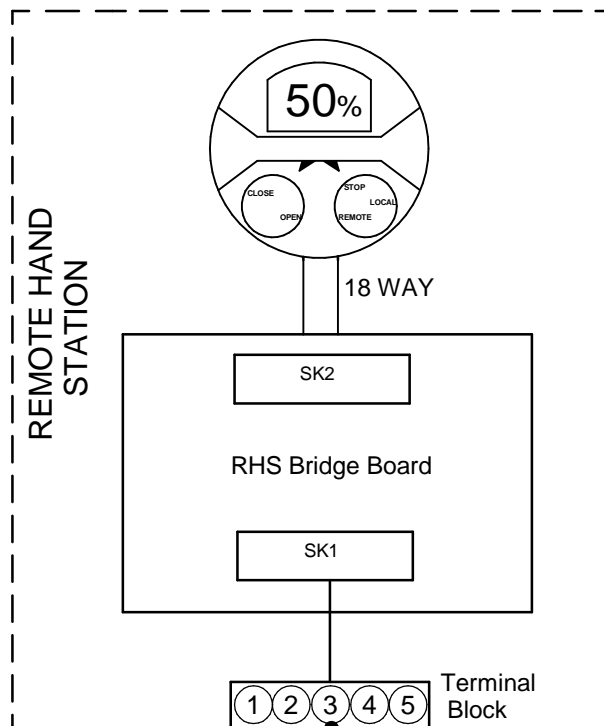
FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS100**

TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
TYPE 1	
W	220/230
X	380/400
Y	415/420
Z	440/460
FUZE FS1=250mA ANTI-SURGE	
TYPE 2	
W	346/380
X	480/500
Y	240/240
Z	550/575
FUZE FS1=250mA ANTI-SURGE	
TYPE 3	
X	660/660-690
Y	690/-
FUZE FS1=150mA ANTI-SURGE	

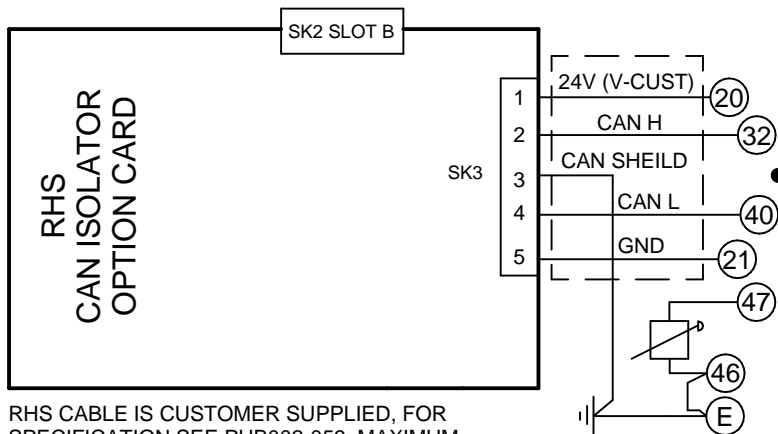
REFER TO SHEET 2 FOR NOTES & OPTION PCB'S IF FITTED



Iss	Date	Chkd	Revision Details	<b>www.rotork.com</b>	IQ + TIMER + RHS													
1	210515	JC1	First Release		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: 210515 Base WD: 100B0007 Job No: - - MI No: - -											
2	220515	JJB	CAN description "+24 (RHS)" and "0V (RHS)" was "24V (V_CUST)" & "GND" respectively.			<table border="1"> <tr> <td colspan="2">Circuit Diagram Number</td> <td>Issue No</td> <td>Sheet</td> </tr> <tr> <td colspan="2"><b>100B0007</b></td> <td><b>2</b></td> <td><b>1</b></td> </tr> <tr> <td>B1</td> <td>C1</td> <td>B2</td> <td>C2</td> </tr> </table>	Circuit Diagram Number		Issue No	Sheet	<b>100B0007</b>		<b>2</b>	<b>1</b>	B1	C1	B2	C2
Circuit Diagram Number		Issue No	Sheet															
<b>100B0007</b>		<b>2</b>	<b>1</b>															
B1	C1	B2	C2															



## SLOT B



RHS CABLE IS CUSTOMER SUPPLIED, FOR SPECIFICATION SEE PUB002-059, MAXIMUM LENGTH OF CABLE TO BE 100m.

Actuator Terminal Bung No.	RHS Terminal Block No.	Function
20	1	24V (V-CUST)
21	2	GND
32	3	CAN H
40	4	CAN L
47	5	SHEILD

### NOTES

#### 1.FUSES:

- PS1 is a self-resetting fuse.
- Refer to publication PUB002-039 for approved fuses FS1 and FS2.

#### 2.REMOTE CONTROL:

- For typical remote control circuits refer to:
  - RWS indicated or PUB002-041.
- For DC and AC control, connect -ve/0V to terminal 36.
- (For negative switch / positive common, refer to RWS indicated).
- Control signal threshold voltages:
  - DC: "on"  $\geq 16V_{dc}$  / "off"  $\leq 8V_{dc}$ , max 60Vdc.
  - AC: "on"  $\geq 60V_{ac}$  / "off"  $\leq 40V_{ac}$ , max 120Vac.
- Control signal duration to be 300ms minimum.
- Maximum current drawn from remote control signals is:
  - 8mA at 24Vdc or 12mA at 120Vac.
- Supply provided on terminals 4 & 5:
  - Intended for remote control.
  - Max external load 5W at 24Vdc / 5VA at 120Vac

#### 3.INDICATION:

- For typical position, status and alarm indication see PUB002-041.
- "S" contacts are user configurable and are shown in their default setting.
- Refer to PUB002-040 for functions and configuration instructions.
- Monitor Relay indicates actuator availability for remote control (shown "unavailable"). It can be configured to exclude local/remote selection.
- Refer to PUB002-040 for monitored functions and configuration instructions.
- Voltage applied to indication contacts must not exceed 150Vac
- Individual Switch current must not exceed 3.5A inductive, 5A resistive and no more than 8A in total for all 4 contacts.

#### 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
100B0007	2	2 of 2