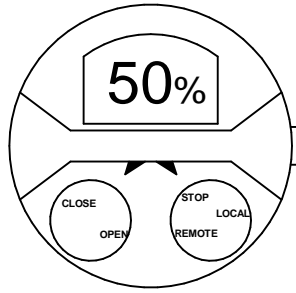
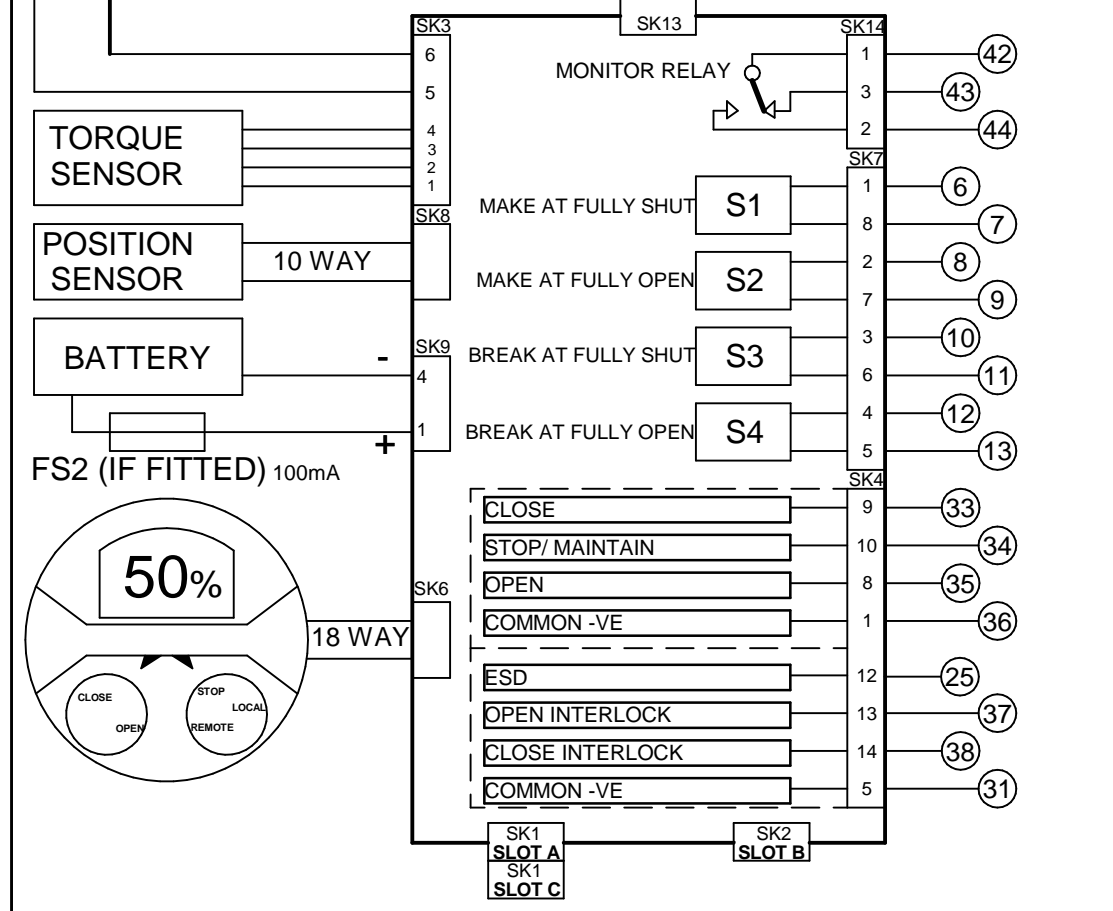


FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT RWS100

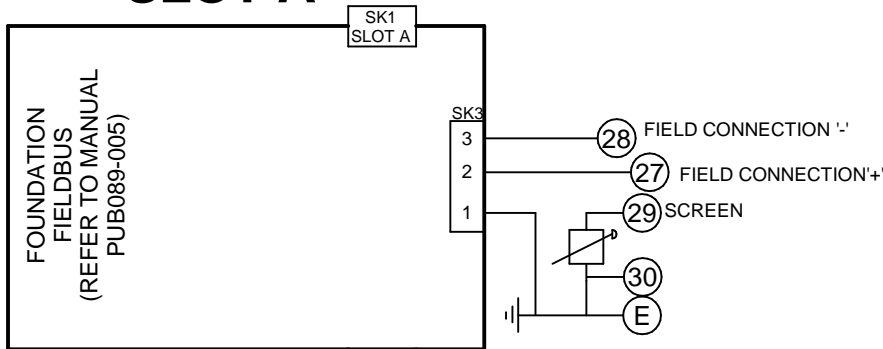
TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
TYPE 1	
W	220/230
X	380/400
Y	415/420
Z	440/460
FUZE FS1=250mA ANTI-SURGE	
TYPE 2	
W	346/380
X	480/500
Y	240/240
Z	550/575
FUZE FS1=250mA ANTI-SURGE	
TYPE 3	
X	660/660-690
Y	690/-
FUZE FS1=150mA ANTI-SURGE	

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

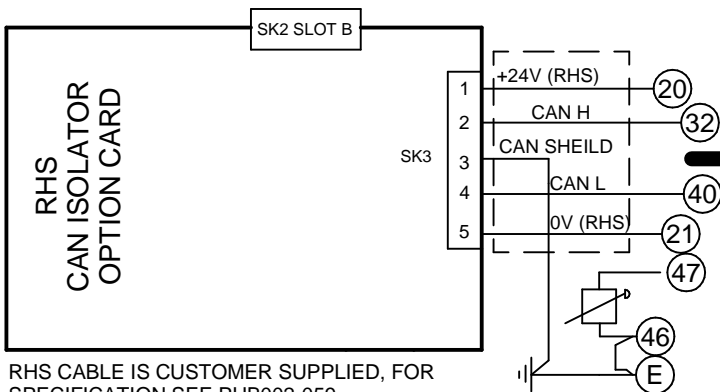


Iss	Date	Chkd	Revision Details	www.rotork.com ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel:01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel:585-247-2304	IQ + FOUNDATION FIELDBUS + CPT + RHS		Drawn by: JJB Date: 211114 Base WD: 101F2006 Job No: -- MI No: --	Circuit Diagram Number 101F2006		Issue No 3 Sheet 1 of 2
1	211114	PJW	First Release.			B1 C1 B2 C2					
2	140515	WJH	CAN description: "+24 (RHS)" and "0V (RHS)" was "24V (V_CUST)" & "GND" respectively.								
3	081117	WHE	Foundation Fieldbus publication correction.								

SLOT A

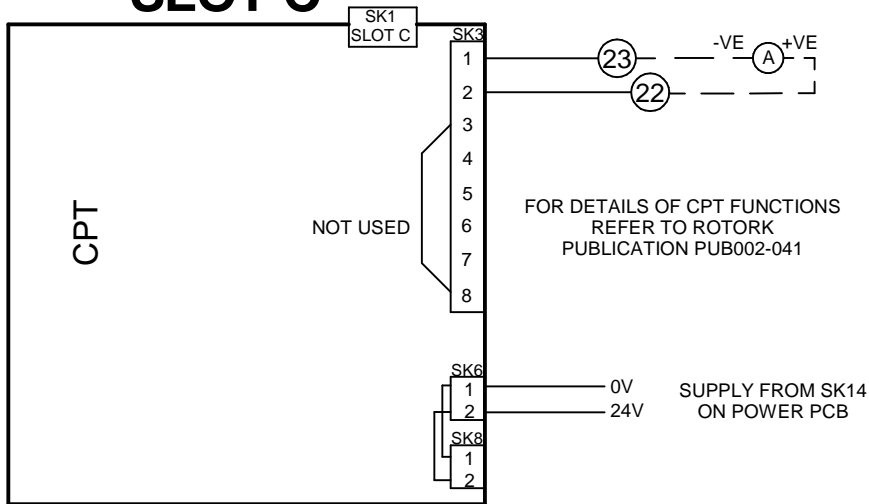


SLOT B



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

SLOT C



NOTES

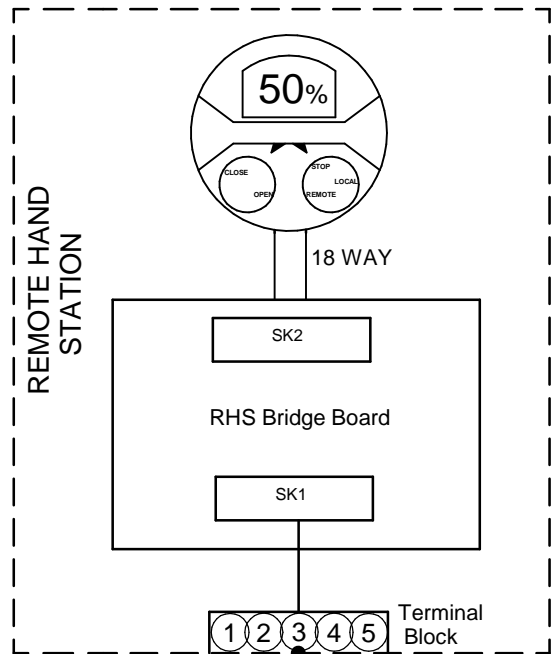
- FUSES:**
 - PS1 is a self-resetting fuse.
 - Refer to publication PUB002-039 for approved fuses FS1 and FS2.
 - Actuator rated voltage specified on nameplate. Voltage tolerance +/-10%, applies for rated torque performance; duty cycle is not guaranteed.
- REMOTE CONTROL:**
 - For typical remote control 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" ≥16Vdc / "off" ≤8Vdc, max 60Vdc.
 - AC: "on" ≥60Vac / "off" ≤40Vac, 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.



Actuator Terminal Bung No.	RHS Terminal Block No.	Function
20	1	+24V (RHS)
21	2	0V (RHS)
32	3	CAN H
40	4	CAN L
47	5	SHEILD