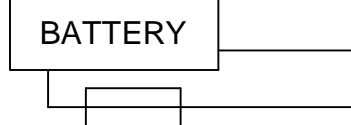


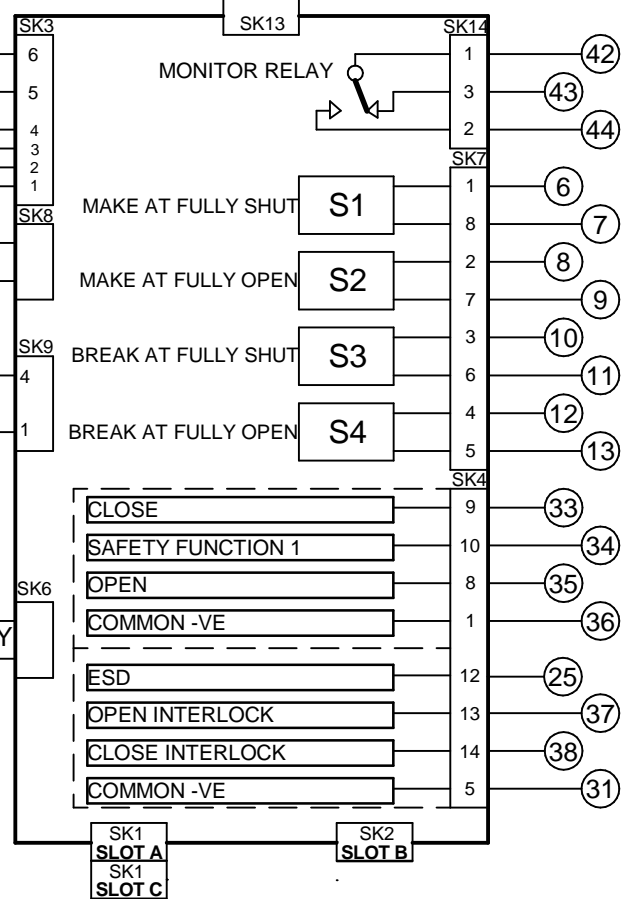
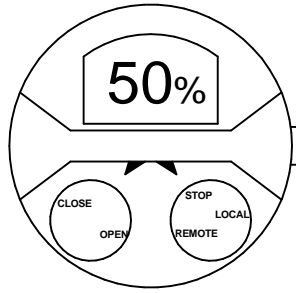
FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS130**

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



FS2 (IF FITTED) 100mA



SIL NOTES (Superseeding Sheet 2 Notes)

Independently Certified to IEC61508-2 (2010) as an element suitable for use in safety related systems up to and including SIL 2 (1001) and SIL 3 (1002). Must be installed, commissioned, tested and operated fully in accordance with the Safety Manual. Refer to SIL Safety Manual - PUB002-110

SIL STAYPUT (Safety Function 1): The control signal must be applied to terminal 34 before an open or closed control signal will operate the actuator. This is a high demand safety function, actuator will not move spuriously. The SIL STAYPUT function is not applicable for LOCAL control.

Iss	Date	Chkd	Revision Details
1	060121	JC1	First Issue.

www.rotork.com

ROTORK CONTROLS LTD
BATH, BA1 3JQ
ENGLAND
Tel:01225-733200

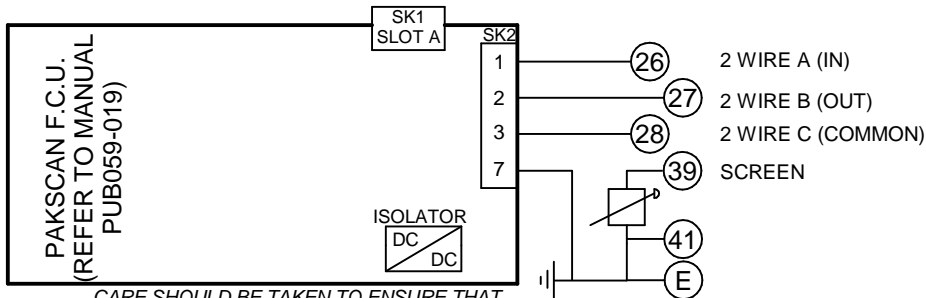
ROTORK CONTROLS INC
ROCHESTER
NY 14624, USA
Tel:585-247-2304

IQ SIL STAYPUT + PAKSCAN + CPT + RHS

Drawn by: PJW
Date : 060121
Base WD: 101K2036
Job No : --
MI No : --

Circuit Diagram Number		Issue No	Sheet
101K2036		1	1
B1	C1	B2	C2

SLOT A

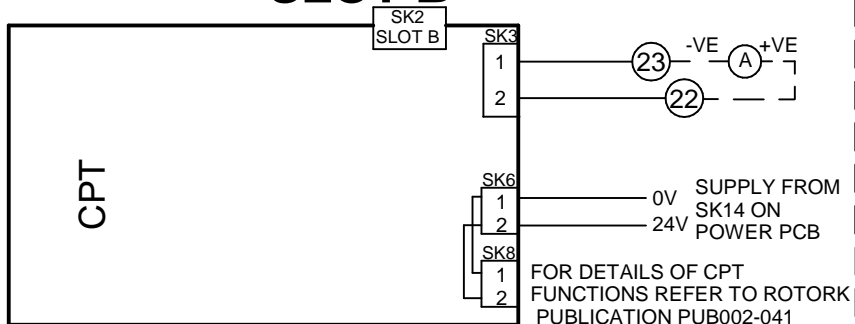


PAKSCAN F.C.U.
(REFER TO MANUAL
PUB059-019)

CARE SHOULD BE TAKEN TO ENSURE THAT
CIRCUITS CONNECTED TO TERMINALS 4 OR 5 ARE
NOT DIRECTLY OR INDIRECTLY CONNECTED TO
GROUND.

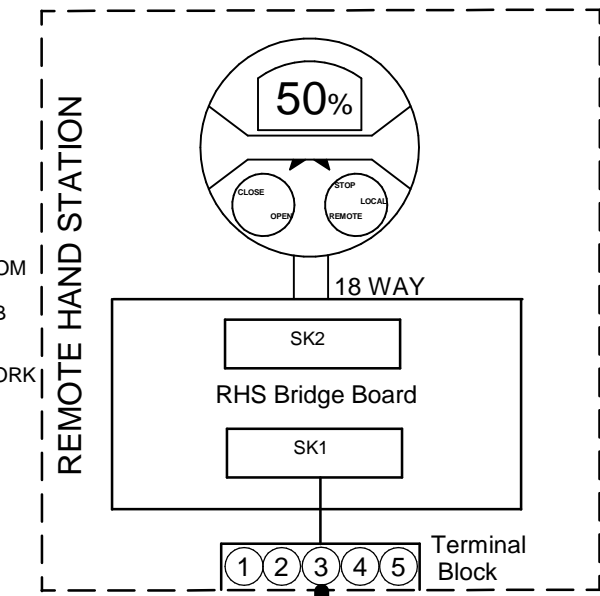
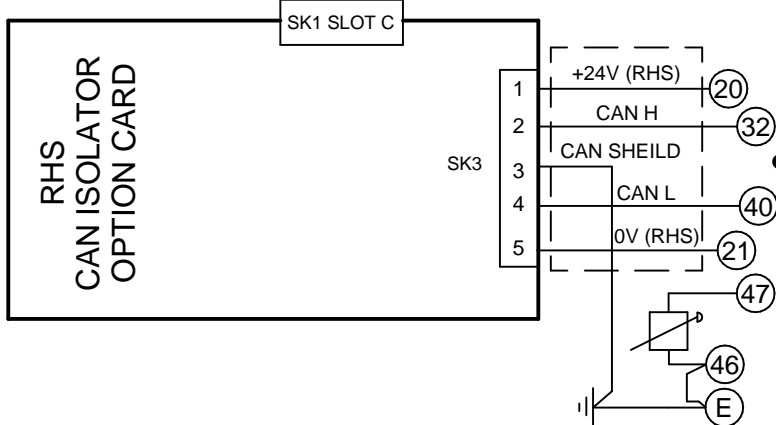
THE SETTING TOOL ENABLES THE PAKSCAN F.C.U
BAUD RATE AND ADDRESS TO BE CONFIGURED

SLOT B



FOR DETAILS OF CPT
FUNCTIONS REFER TO ROTORK
PUBLICATION PUB002-041

SLOT C



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 (RHS)
21	2	0V (RHS)
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.
 - Actuator rated voltage specified on nameplate. Voltage tolerance +/-10%, applies for rated torque performance; duty cycle is not guaranteed.
- 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" ≥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.