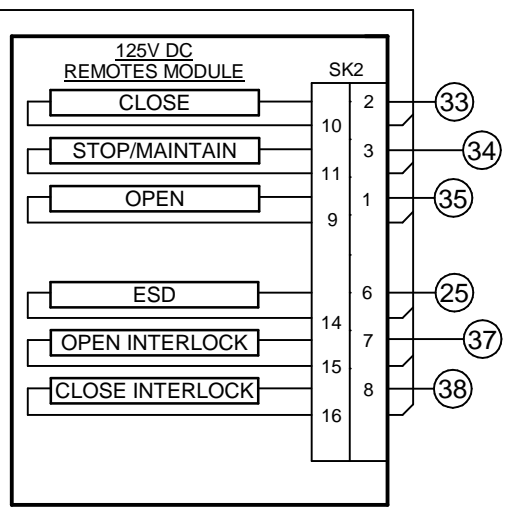
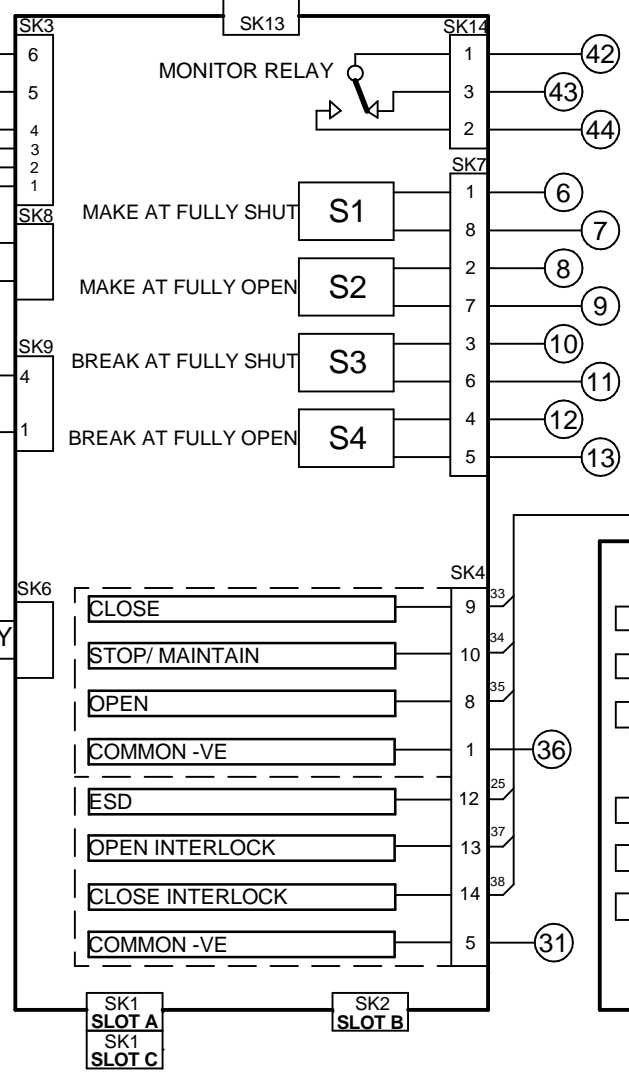
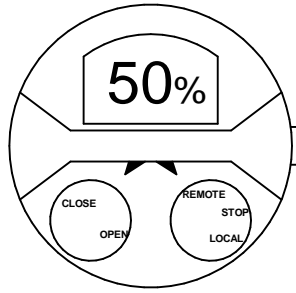


FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS108**

| 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



| Iss | Date   | Chkd | Revision Details   |
|-----|--------|------|--|
| 1   | 010813 | PJW  | FIRST ISSUE  |
| 2   | 080813 | PMJ  | Removal of supply from SK8   |
| 3   | 160614 | MR   | PAKSCAN, 400v added to type 1 tapping Y. Note added to sheet 2 note 1. |
| 4   | 160817 | WHE  | See EC7595   |

**www.rotork.com**

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

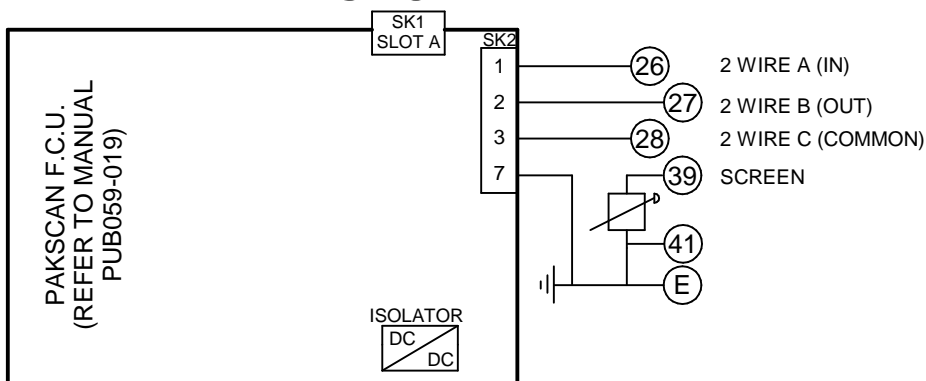
ROTORK CONTROLS INC  
ROCHESTER  
NY 14624, USA  
Tel:585-247-2304

IQ + PAKSCAN + CPT + EXTRA RELAYS S5-S8 + 125V DC REMOTES

Drawn by: Jc1  
Date : 010813  
Base WD: 101K2310  
Job No : --  
MI No : --

|                        |    |          |          |
|------------------------|----|----------|----------|
| Circuit Diagram Number |    | Issue No | Sheet    |
| <b>101K2310</b>        |    | <b>4</b> | <b>1</b> |
| B1                     | C1 | B2       | C2       |
| B1                     | C1 | M1       | V1       |

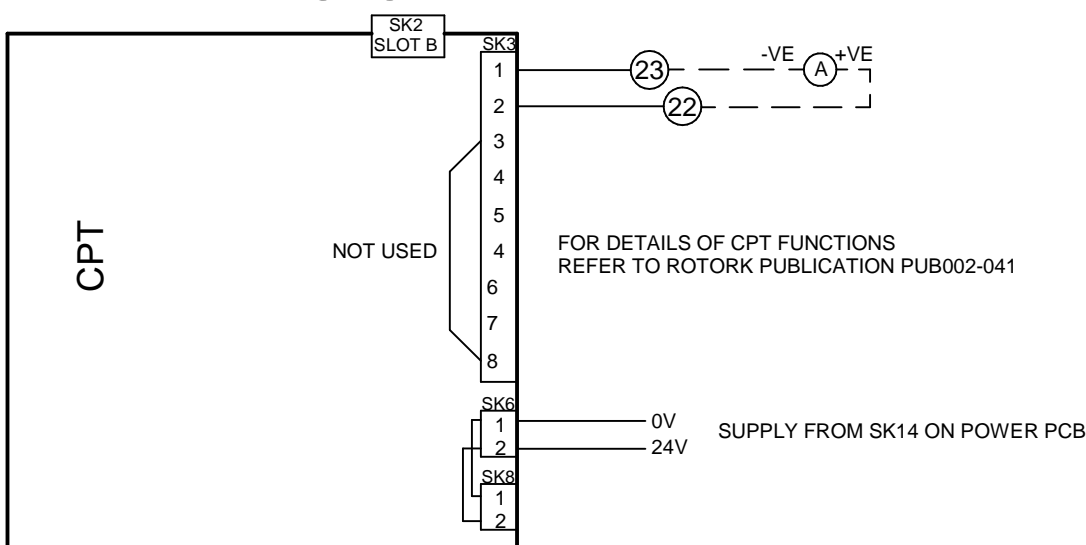
### SLOT A



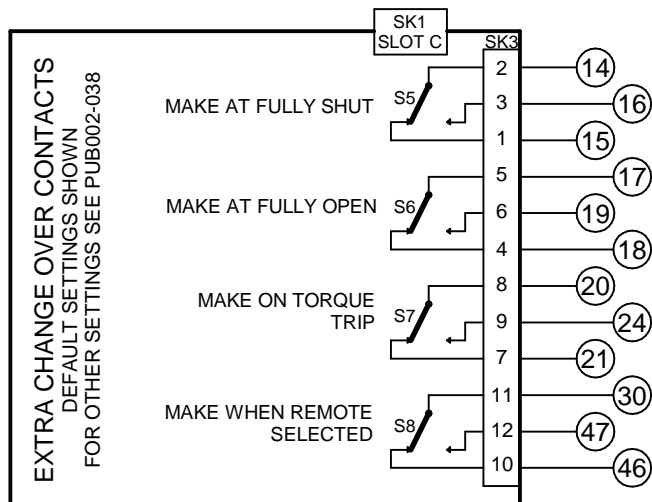
CARE SHOULD BE TAKEN TO ENSURE THAT  
CIRCUITS CONNECTED TO TERMINALS 4 OR 5 ARE  
NOT DIRECTLY OR INDIRECTLY CONNECTED TO  
GROUND.

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

### SLOT B



### SLOT C



#### 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 control connect -ve/0V to terminal 36.
- (For negative switch / positive common, refer to RWS indicated).
- Control signal threshold voltages:
  - DC: "on" ≥65Vdc / "off" ≤40Vdc, max 130Vdc.
- 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.