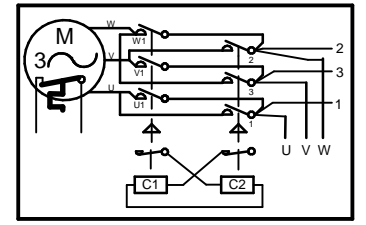


FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS100**

| TRANSFORMER TAPPING OPTIONS | |
|-----------------------------|-----------------|
| Tap | Nominal 50/60Hz |
| W | 200 |
| X | 220 |
| Y | 400 |
| Z | 440 |

FUSE FS1=250mA ANTI-SURGE

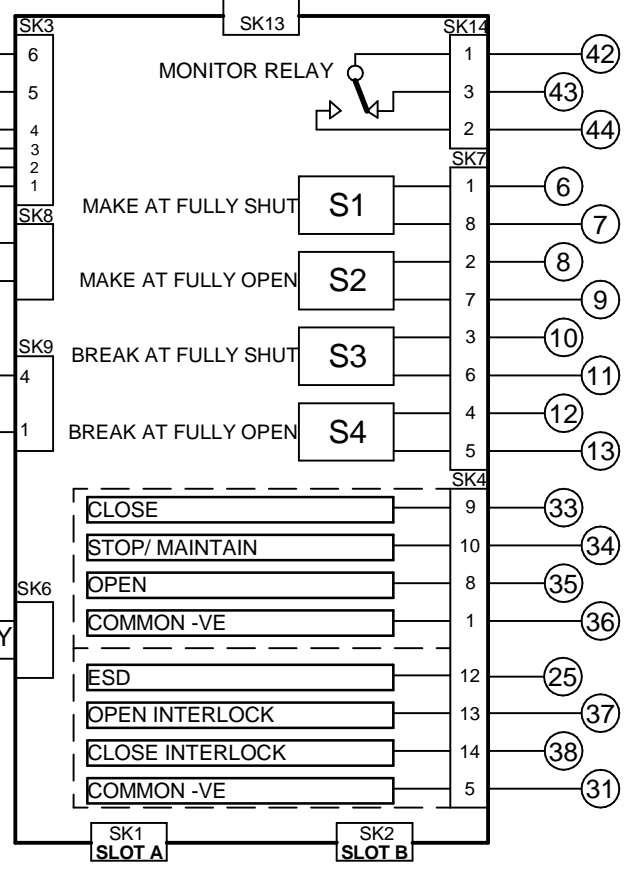
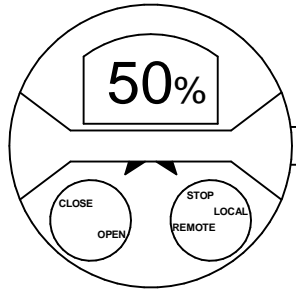
REFER TO SHEET 2 FOR NOTES & OPTION PCB'S IF FITTED



ALTERNATIVE CONTACTOR WIRING FOR SIZES IQ40, TO 95
RELAYS ONLY FITTED WHEN 120VAC CONTACTOR IS FITTED FOR IQ40, TO 95



FS2 (IF FITTED) 100mA



| Iss | Date | Chkd | Revision Details |
|-----|--------|------|-------------------------|
| 1 | 050214 | PJW | FIRST ISSUE |
| 2 | 180614 | MR | Note 1 added to sheet 2 |
| 3 | 260117 | PJW | ALT CONTACTOR SHOWN. |

www.rotork.com

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

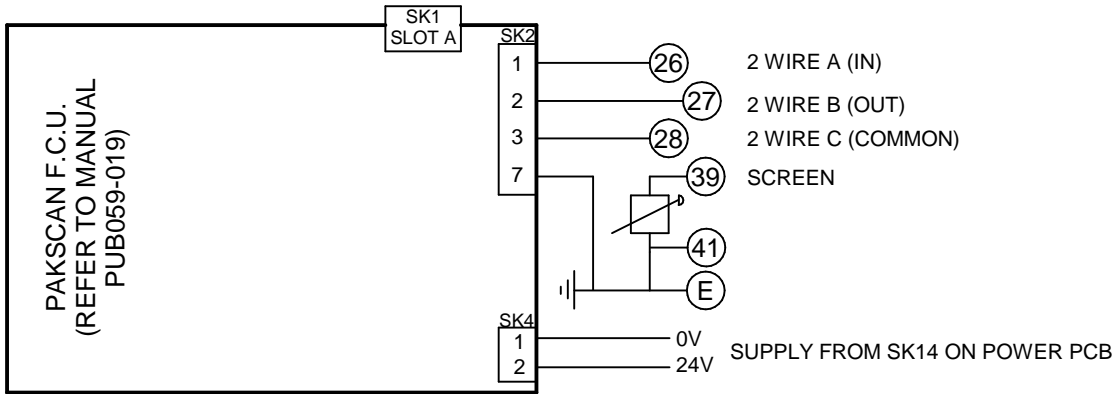
ROTORK CONTROLS INC
ROCHESTER
NY 14624, USA
Tel:585-247-2304

IQ + PAKSCAN + EXTRA RELAYS S5-S8 JAPAN DIAGRAM

Drawn by: JC1
Date : 050214
Base WD: 500K2010
Job No : --
MI No : --

| | | | |
|------------------------|----|----------|----------|
| Circuit Diagram Number | | Issue No | Sheet |
| 500K2010 | | 3 | 1 |
| B1 | C1 | B2 | C2 |
| B1 | C1 | M1 | V1 |

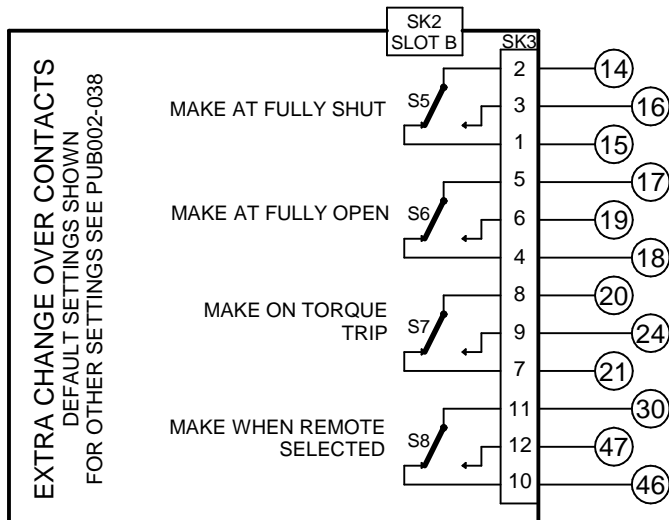
SLOT A



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



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" $\geq 16Vdc$ / "off" $\leq 8Vdc$, max 60Vdc.
 - AC: "on" $\geq 60Vac$ / "off" $\leq 40Vac$, 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.