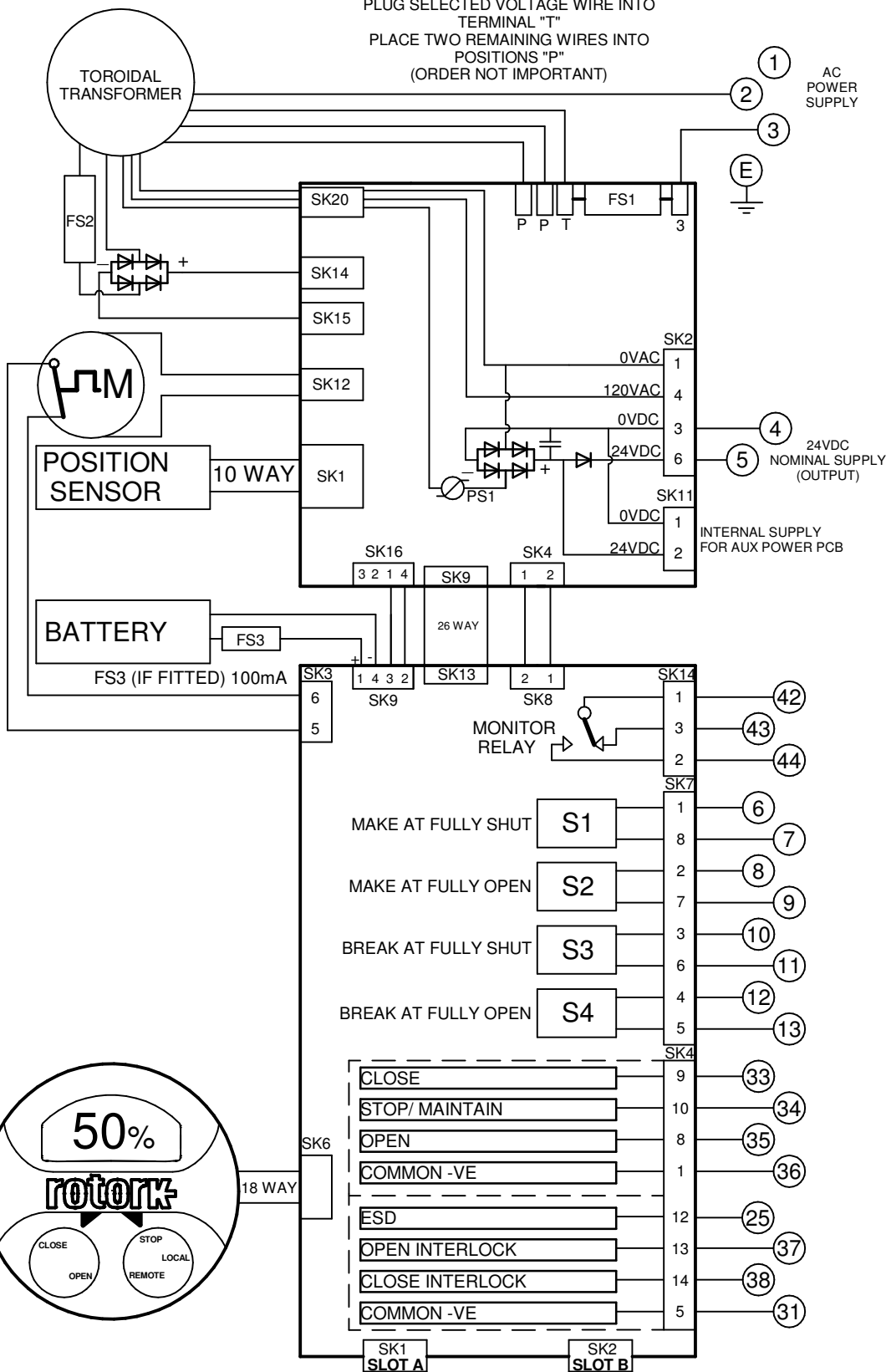


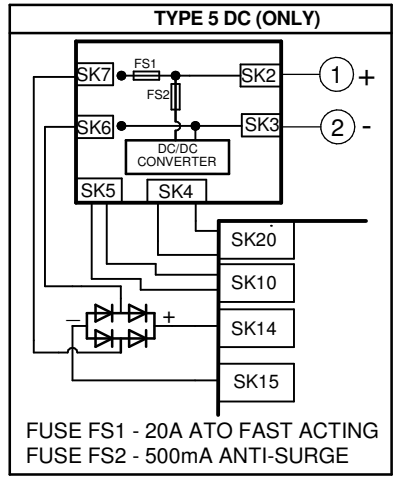
PLUG SELECTED VOLTAGE WIRE INTO  
TERMINAL "T"  
PLACE TWO REMAINING WIRES INTO  
POSITIONS "P"  
(ORDER NOT IMPORTANT)



TRANSFORMER VOLTAGE OPTIONS:  
CONNECT CORRESPONDING  
COLOUR TO "T"

| TYPE 1 |      |                         |
|--------|------|-------------------------|
| GREY   | 100V | FS1 - 5A<br>ANTISURGE   |
| PURPLE | 110V |                         |
| BROWN  | 120V |                         |
| TYPE 2 |      |                         |
| GREY   | 200V | FS1 - 2.5A<br>ANTISURGE |
| PURPLE | 230V |                         |
| BROWN  | 270V |                         |
| TYPE 3 |      |                         |
| GREY   | 380V | FS1 - 2.0A<br>ANTISURGE |
| PURPLE | 400V |                         |
| BROWN  | 415V |                         |
| TYPE 4 |      |                         |
| GREY   | 480V | FS1 - 2.0A<br>ANTISURGE |
| PURPLE | 575V |                         |
| BROWN  | 690V |                         |

FS2 - 20A ATO FAST ACTING ALL TYPES



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

| Iss | Date   | Chkd | Revision Details    |
|-----|--------|------|---------------------|
| 1   | 010317 | JC1  | First Issue         |
| 2   | 190619 | PMJ  | PUB002-065 WAS -039 |

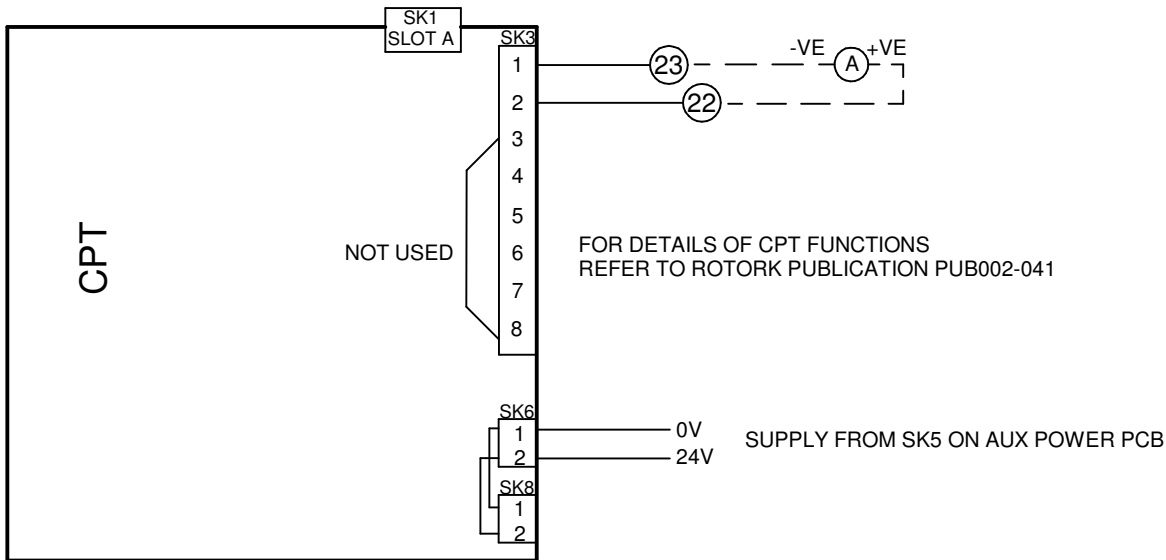
**www.rotork.com**

|   |   |
|---|---|
| ROTORK CONTROLS LTD<br>BATH, BA1 3JQ<br>ENGLAND<br>Tel:01225-733200 | ROTORK CONTROLS INC<br>ROCHESTER<br>NY 14624, USA<br>Tel:585-247-2304 |
|---|---|

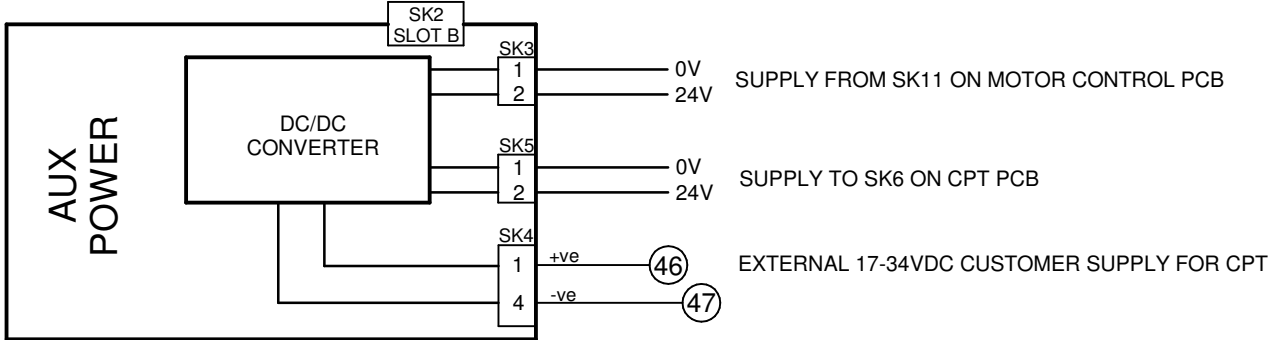
IQT + CPT + AUX POWER

|  |   |                      |                           |
|--|---|----------------------|---------------------------|
| Drawn by: PJW<br>Date : 010317<br>Base WD: 301B1000<br>Job No : - -<br>MI No : - - | Circuit Diagram Number<br><b>301B1000</b> | Issue No<br><b>2</b> | Sheet<br><b>1</b><br>of 2 |
|--|---|----------------------|---------------------------|

# SLOT A



# SLOT B



## NOTES

### 1.FUSES:

- PS1 is a self-resetting fuse.
- Refer to publication PUB002-065 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.