

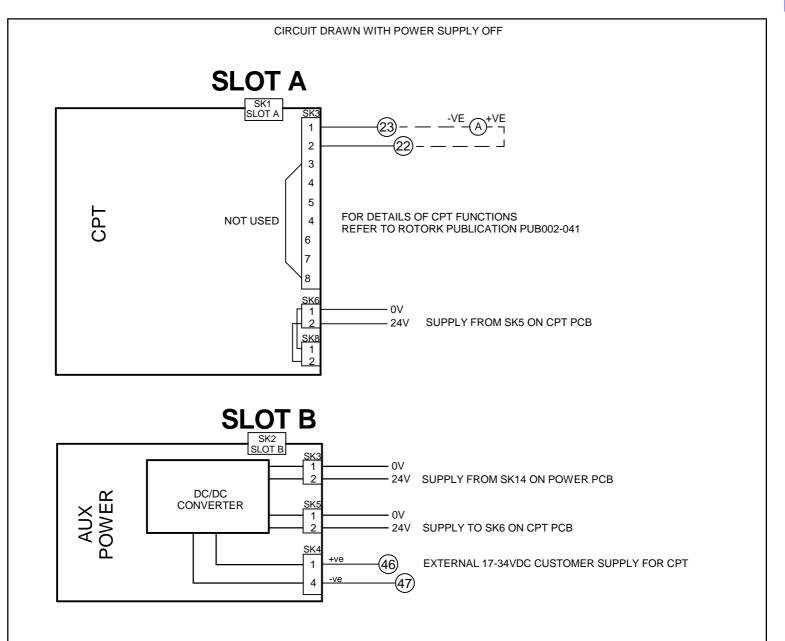
## FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT RWS100

TRANSFORMER TAPPING OPTIONS					
Тар	Nominal 50/60Hz				
TYPE 1					
W	220/230 380/400 400,415/420 440/460				
Х					
Y					
Z					
FUSE FS1=250mA ANTI-SURGE					
TYPE 2					
W	346/380				
Х	480/500				
Y	240/240				
Z	550/575				
FUSE FS1=250mA ANTI-SURGE					

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

THE ACTUATOR MUST BE PROTECTED USING SUITABLY RATED HIGH SPEED SEMI-CONDUCTOR FUSES ON THE INCOMING SUPPLY. SUGGESTED FUESES :-IQ10-20:10 Amp FERRAZ G330010 IQ25-35:20 Amp FERRAZ K330013 ALTERNATIVES = IQ10-20:10 Amp SIBA 50-179-06/10A IQ25-35:20 Amp SIBA 50-179-06/20A OR EQUIVALENT PROTECTIVE DEVICE.

l <u>ss</u> 1	<u>Date</u> 140414	PJW	First Issue.	www. <b>rot</b>	OTKcom	IQM + CPT + AUX POWER			
	230614 130616		400v added to type 1 tapping Y. Note added to sheet 2 note 1. Updated notes on page 2.	ENGLAND	ROCHESTER NY 14624, USA	Date : 140414 Base WD: 201B1000 Job No :	Circuit Diagram Number 201B1000 B1 C1 B2 C2	∾ 2	Sheet 1 of 2



#### 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.
- -Control signal duration to be 100ms minimum.
- -Maximum current drawn from remote control signals is: -8mA at 24Vdc
- -Supply provided on terminals 4 & 5:

-Intended for remote control.

-Max external load 5W at 24Vdc

### **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.

> Circuit Diagram Number 2 201B1000 3 of 2

# See Sheet 1 for all Revision details/information