

MODEL CPS-TS2-LCD (+

3510 E. Atlanta Ave. Phoenix. AZ 85040 USA Telephone: (480) 968-6407 Fax: (602) 437-1996 Website: www.editraffic.com E-mail: contact@editraffic.com

RENO A&E

3510 E. Atlanta Ave. Phoenix, AZ 85040 USA Telephone: (480) 968-6407 Fax: (602) 437-1996 Website: www.editraffic.com

E-mail: contact@editraffic.com

OPERATING INSTRUCTIONS FOR

MODEL CPS-TS2-LCD

A TS-2 Cabinet Power Supply with Voltage and Current LCD Indications

General

CHAN

24VDC

12VDC

LFRF

12VAC

AC LN

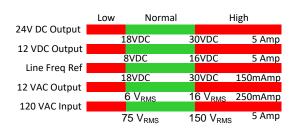
SELECT

www.renoae.com

The Model CPS-TS2-LCD is a TS-2 Cabinet power supply that meets or exceeds NEMA 2003 standard. It requires no set up or configuration. The 3-digit LCDs provide voltage and current values for the AC input and all the outputs.

CHAN LEDs

The five bi-color LEDs provide continuous indication of the input and output status. Green indicates the voltage and current are normal. Red indicates the voltage or current is out of range. Blinking indicates the channel is selected to view the voltage and current values.



CHAN SELECT

The rotating knob selects one of the 5 channels. When selected the CHAN LED will blink. The voltage and current values for the selected channel are displayed on the LCDs. Pushing the CHAN SELECT knob will turn On the LCDs' backlight. Pushing and holding the CHAN SELECT knob for 5 seconds will reset the power supply.

12VDC and 24VDC Overcurrent Shutdown

If the 24 or 12 VDC output goes above 6 amps that output will shut off. The Power supply will periodically attempt to recover by checking if high current condition still exists.

High Temperature Temporary Shutdown

If temperatures approach 300°F (150°C) inside the power supply, both DC channels shut off until temperature drops below 284°F (140°C).

Line Frequency Reference Output

A 60 Hz square wave is generated for the line frequency reference (LFR) output. The pulse occurs during the negative half cycle of the AC line

sinewave. The LFR output can sink or source 100 mA and it is protected with a self-resetting Polyfuse.

Front Panel Test Jacks

The front test jacks provide safe and easy access to measure the input AC line voltage and the output voltages 12VAC. 12VDC and 24VDC that are at the PS circular connector.

OPERATING INSTRUCTIONS FOR

MODEL CPS-TS2-LCD

A TS-2 Cabinet Power Supply with Voltage and Current LCD Indications

General

The Model CPS-TS2-LCD is a TS-2 Cabinet power supply that meets or exceeds NEMA 2003 standard. It requires no set up or configuration. The 3-digit LCDs provide voltage and current values for the AC input and all the outputs.

MODEL CPS-TS2-LCD (+ CHAN 24VDC 12VDC LFRF 12VAC AC LN www.renoae.com

CHAN LEDs

The five bi-color LEDs provide continuous indication of the input and output status. Green indicates the voltage and current are normal. Red indicates the voltage or current is out of range. Blinking indicates the channel is selected to view the voltage and current values.

	Low	Normal	High	
24V DC Output				
· •	1	L8VDC	30VDC	5 Amp
12 VDC Output				
_		8VDC	16VDC	5 Amp
Line Freq Ref				
	1	L8VDC	30VDC	150mAmp
12 VAC Output				
		$6 V_{RMS}$	$16 V_{RMS}$	250mAmp
120 VAC Input				
	7	75 V _{RMS}	$150 V_{RMS}$	5 Amp

CHAN SELECT

The rotating knob selects one of the 5 channels. When selected the CHAN LED will blink. The voltage and current values for the selected channel are displayed on the LCDs. Pushing the CHAN SELECT knob will turn On the LCDs' backlight. Pushing and holding the CHAN SELECT knob for 5 seconds will reset the power supply.

12VDC and 24VDC Overcurrent Shutdown

If the 24 or 12 VDC output goes above 6 amps that output will shut off. The Power supply will periodically attempt to recover by checking if high current condition still exists.

High Temperature Temporary Shutdown

If temperatures approach 300°F (150°C) inside the power supply, both DC channels shut off until temperature drops below 284°F (140°C).

Line Frequency Reference Output

A 60 Hz square wave is generated for the line frequency reference (LFR) output. The pulse occurs during the negative half cycle of the AC line

sinewave. The LFR output can sink or source 100 mA and it is protected with a self-resetting Polyfuse.

Front Panel Test Jacks

TS-2 CABINET POWER SUPPLY

The front test jacks provide safe and easy access to measure the input AC line voltage and the output voltages 12VAC, 12VDC and 24VDC that are at the PS circular connector.

Model CPS-TS2-LCD Op Instr. Rev.07/20 P/N 889-1434-01 Model CPS-TS2-LCD Op Instr. Rev. 07/20 P/N 889-1434-01