

TR25D

25W SWITCHING ADAPTER DUAL OUTPUT



Features

- Universal Input: 90 ~ 264Vac
- Continuous Short Circuit Protection
- Meets EN55022 Class "B", conducted

Specifications

INPUT CHARACTERISTICS:

Voltage 90 ~ 264Vac
 Frequency 47 to 63Hz
 Inrush Current 50A Max. @ 264Vac
 Conducted EMI CISPR/FCC Class B
 Isolation Input to output =4,242Vdc
 Leakage Current 1.5mA max.

ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature 0 ~ 40°C
 Storage Temperature -20 ~ 85°C

OUTPUT CHARACTERISTICS:

Holdup Time 16mS typ. @ 115Vac
 Short Circuit Protection Continuous
 Over Voltage Protection Option
 Over Load Protection Option

MECHANICAL CHARACTERISTICS:

Dimensions 5.20x 2.28 x 1.18 Inches
 Weight 0.77 Pounds
 AC Inlet IEC320/C14

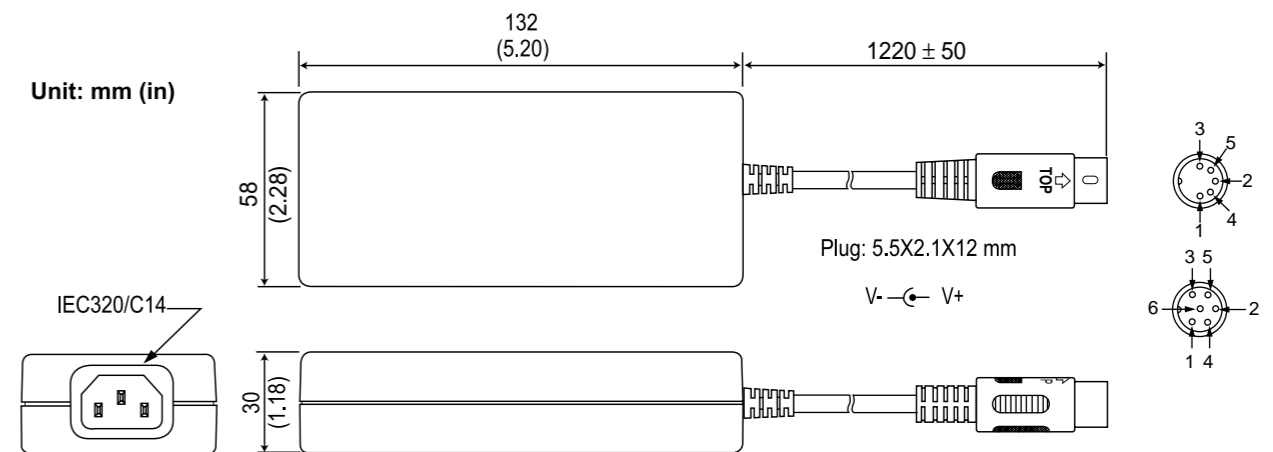
Typical at 25°C, nominal line and 75% load, unless otherwise Specified

MODEL	OUTPUT VOLTAGE (VOLTS)	OUTPUT CURRENT (AMPS)			PEAK ¹ (AMPS)	RIPPLE ² , P-P (mV)	TOTAL REGULATION ³	O/P POWER MAX.
		MIN.	RATED	MAX.				
TR25D-01	+3.3V(V1)	0.3	3	4	5	50	±7%	20W
	+5V(V2)	0.2	2	3	4	50	±5%	
TR25D-02	+5V(V1)	0.2	2	3	4	50	±5%	25W
	+12V(V2)	0.13	1.3	2	3	120	±5%	
TR25D-03	+5V(V1)	0.2	2	3	4	50	±5%	25W
	+15V(V2)	0.1	1	1.5	2	150	±5%	
TR25D-04	+5V(V1)	0.2	2	3	4	50	±5%	25W
	+24V(V2)	0.1	0.6	1	1.5	240	±5%	

NOTE:

1. Peak output current (total output power must less than 32W) lasting less than one minute with duty factor less than 5%. During peak loading, output voltage may exceed total regulation limits.
2. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to the output cable. Peak to peak and RMS metering equipment shall have a 20 MHz response with probes and cables maintaining frequency response from 200Hz to 100MHz bandwidth. Output ripple and spikes are measured directly at the output terminals of the power supply without the use of the probe ground clip.
3. Total regulation is defined as the static output regulation at 25°C, including initial tolerance, line voltage within stated limits, and load currents within stated limits. When V1 exceed rated load, the total regulation will be ±10%.

Mechanical Specification



DC plug & pin assignment

OUTPUT NO.	TR25D-XX	CONNECTORS	
PIN1	GND		
PIN2	GND		
PIN3	NC	DIN PLUG	DIN PLUG
PIN4	V1	(5P 180°)	(6P 240°)
PIN5	V2		
PIN6	V1		



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