

TR70

70W SWITCHING ADAPTER



Features

- Universal Input: 90 ~ 264Vac
- Continuous Short Circuit Protection
- Meets EN55022 Class "B", Conducted
- High Efficiency, 85% Typical

Specifications

INPUT CHARACTERISTICS:

Voltage90 ~ 264Vac
 Frequency47 to 63Hz
 Inrush Current 50A Max. @ 264Vac
 Conducted EMICISPR/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 8mS typ. @ 115Vac
 Short Circuit Protection Continuous
 Over Voltage Protection Option

MECHANICAL OUTLINE:

Dimensions5.20 x 2.29 x 1.18 Inches
 Weight0.77 Pounds
 AC Inlet IEC320/C14

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	VOLTAGE SETPOINT	LINE REGULATION	LOAD REGULATION
TR70A12	12 V	5.5 A	1%	+/- 2%	+/- 1%	+/- 5%
TR70A15	15 V	4.6 A	1%	+/- 2%	+/- 1%	+/- 3%
TR70A18	18 V	3.9 A	1%	+/- 2%	+/- 1%	+/- 2%
TR70A19	19 V	3.7 A	1%	+/- 2%	+/- 1%	+/- 2%
TR70A24	24V	3.0 A	1%	+/- 2%	+/- 1%	+/- 2%
TR70A48	48 V	1.5A	1%	+/- 2%	+/- 1%	+/- 2%

NOTE:

1. Voltage setpoint at 60% full load.
2. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measurement @20MHz BW.
3. Line regulation measured from 100Vac to 240Vac, full load.
4. Load regulation measured from 60% to full load and from 60% to 20% load (60% +/- 40% full load)

Mechanical Specification

Unit: mm (in)

