

TR30R

30W SWITCHING ADAPTER



Features

- Universal Input : 90 ~ 264Vac
- Continuous Short Circuit Protection
- Over Voltage Protection
- Conductive EMI Meets CISPR/FCC Class B
- High Efficiency, 75% Typical
- AC Plug Can Be Change

Specifications

INPUT CHARACTERISTICS:

Voltage 90 ~ 264Vac
 Frequency 47 to 63Hz
 Input Current 0.7A max
 Inrush Current 50A max @264Vac

ENVIRONMENTAL CHARACTERISTICS:

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

OUTPUT CHARACTERISTICS:

Holdup Time 10mS typ. @ 115Vac
 Short Circuit Protection Continuous (Auto Recovery)
 Over Voltage Protection Yes

MECHANICAL CHARACTERISTICS:

Dimensions 4.24x 2.27 x 1.32 Inches
 Weight (0.625 Pounds)

MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION
TR3DR050	5.0V	5.0A	0 A	1%	± 4%	± 1%	± 6%
TR3DR090	9.0V	3.3A	0 A	1%	± 2%	± 1%	± 3%
TR3DR120	12 V	2.5A	0 A	1%	± 2%	± 1%	± 2%
TR3DR150	15V	2.0A	0 A	1%	± 2%	± 1%	± 2%
TR3DR180	18 V	1.65A	0 A	1%	± 2%	± 1%	± 2%
TR3DR240	24 V	1.25A	0 A	1%	± 2%	± 1%	± 2%

NOTE:

1. Voltage setpoint at 60% load.
2. Add a 0.1µF ceramic capacitor and a 10µF E.L. capacitor to output for Ripple & Noise measuring @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% load)

Mechanical Specification

UNIT: mm(Inches)

FIG.A

