

# TR25

## 25W SWITCHING ADAPTER



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### Features

- Universal Input: 90 ~ 264Vac
- Continuous Short Circuit Protection
- Meets EN55022 Class "B", Conducted
- High Efficiency, 80% Typical

### Specifications

#### INPUT CHARACTERISTICS:

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

#### OUTPUT CHARACTERISTICS:

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

#### ENVIRONMENTAL CHARACTERISTICS:

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

#### MECHANICAL CHARACTERISTICS:

Dimensions .....2.83x 2.05 x 1.37 Inches  
 Weight .....0.48 Pounds

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	VOLTAGE SETPOINT	LINE REGULATION	LOAD REGULATION
TR 25050	5V	4.0A	1%	+/- 2%	+/- 1%	+/- 6%
TR 25120	12V	2.1A	1%	+/- 2%	+/- 1%	+/- 5%
TR 25150	15V	1.67A	1%	+/- 2%	+/- 1%	+/- 3%
TR 25180	18V	1.4A	1%	+/- 2%	+/- 1%	+/- 2%
TR 25240	24V	1.05A	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% load)

### Mechanical Specification

