

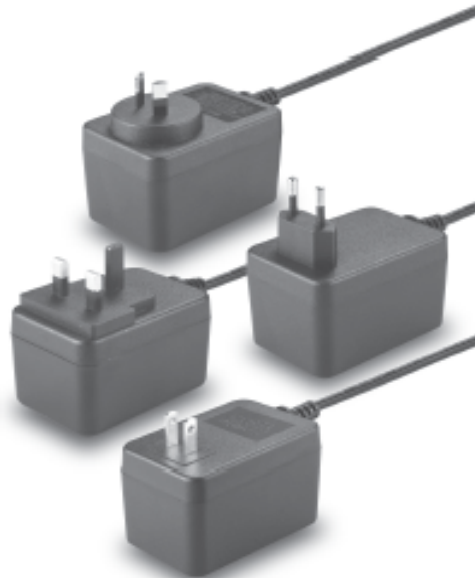


TR25 SERIES 25W SWITCHING ADAPTER



Features

- * Universal Input: 90-264Vac
- * Meets EMI Meets EN55022 Class "B" and CISPR/FCC Class B
- * Continuous Short Circuit Protection
- * Over Current Protection



Ordering information

TRG25XXX -	X	XX	X	XX
Model No.	AC Plug Type	DC Plug Type	OVP	DC Cable Length and Type
A:	USA 2 Pin	* Please see	A: without OVP Option	01: 720mm
E:	Europe 2 Pin	Page 213 for	E: With OVP Option	02: 1200mm
U:	British 3 Pin	more detailed		03: 1800mm
S:	Australia 2 Pin	descriptions		11: 7200mm with Ferrite Core
				12: 1200mm with Ferrite Core
				13: 1800mm with Ferrite Core
				* 18AWG / SPT1

MODEL	OUTPUT VOLTAGE	MIN. LOAD	MAX. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	SWITCHING FREQUENCY	(%) EFF.
TR25033	3.3V	4.0A	0A	50mV	±2%	±1%	±6%	33KHz Typ.	64%
TR25050	5V	4.0A	0A	1%	±2%	±1%	±6%	33KHz Typ.	70%
TR25120	12V	2.1A	0A	1%	±2%	±1%	±5%	33KHz Typ.	78%
TR25150	15V	1.67A	0A	1%	±2%	±1%	±3%	33KHz Typ.	80%
TR25180	18V	1.4A	0A	1%	±2%	±1%	±2%	33KHz Typ.	81%
TR25240	24V	1.05A	0A	1%	±2%	±1%	±2%	33KHz Typ.	83%

Specifications

INPUT SPECIFICATIONS:

Voltage	90~264Vac
Frequency	47 to 63Hz
Input Current	0.7A max.
Inrush Current	50A max. @240Vac
Conducted EMI	CISPR/FCC Class B
Isolation	Input to output = 4,242VDC
Leakage Current	0.25mA max.

OUTPUT SPECIFICATIONS:

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
Cooling	Natural Convection

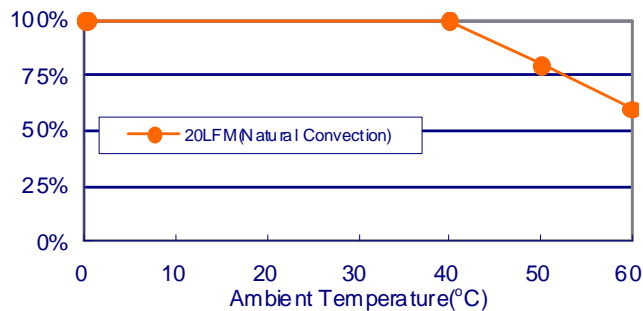
MECHANICAL CHARACTERISTICS:

Dimensions	3.169x1.932x2.205 Inches (80.50x49.06x56.00mm)
Weight	280g(0.62 Pounds)

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 measuring @20MHz BW.
3. Line regulation is measured from 100Vac to 240Vac with full load.
4. Load regulation is measured from 60% to 100% full load and from 60% to 20% load (60% +/- 40% load)

TR25R Series Derating Curve



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

Mechanical Specification

All Dimensions are in inches(mm)

Tolerance: Inches:X.XXX±0.02

Millimeters:X.XX±0.5

