



TR25 SERIES 25W SWITCHING ADAPTER



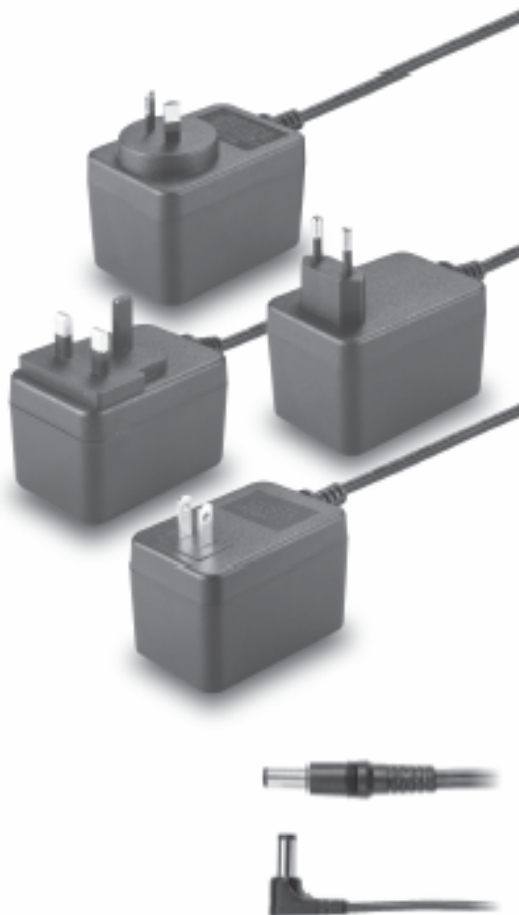
* Not CE certified for the EU"

Features

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

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	%EFF. (Typ.)
TR25033	3.3V	0A	4.0A	50mV	±2%	±1%	±6%	64%
TR25050	5V	0A	4.0A	1%	±2%	±1%	±6%	70%
TR25120	12V	0A	2.1A	1%	±2%	±1%	±5%	78%
TR25150	15V	0A	1.67A	1%	±2%	±1%	±3%	80%
TR25180	18V	0A	1.4A	1%	±2%	±1%	±2%	81%
TR25240	24V	0A	1.05A	1%	±2%	±1%	±2%	83%

Specifications

INPUT SPECIFICATIONS:

Voltage	90~264Vac
Frequency	47 to 63Hz
Inrush Current	0.7A max.
Inrush Current	50A max. @240Vac
Conducted EMI	CISPR/FCC Class B
Leakage Current	0.25mA max.

OUTPUT SPECIFICATIONS:

Holdup Time	10ms typ. @115Vac
Short Circuit Protection	Continuous(Auto Recovery)
Over Voltage Protection	TVS Component to Clamp
Temperature Coefficient	±0.05%/°C

GENERAL SPECIFICATIONS:

Isolation	Input to output = 4,242VDC
Operating Temperature	0 ~ 60°C (see derating curve)
Storage Temperature	-20~85°C
Humidity	93% RH max. Non condensing
Cooling	Natural Convection
Switching Frequency	31KHz Typical
MTBF	MIL-HDBK-217F, GB, 25°C/115VAC 200K hrs min.
Altitude	2000m
Dimensions	3.169x1.932x2.205Inches (80.5x49.06x56.00mm)
Weight	280g(0.62 Pounds)

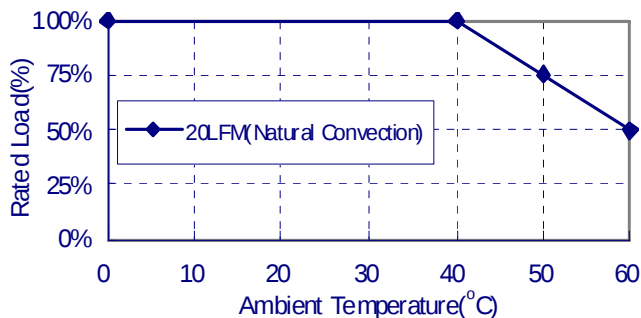
SAFETY AND EMC:

Emission and Immunity	EN55022 Class B, FCC Part 15 Class B EN61000-6-3, EN61000-3-2, EN61000-3-3 EN55024, EN61204-3, EN61000-6-1
Safety	IEC60950-1, EN60950-1, UL60950-1

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 measured from 100Vac to 240Vac, full load.
4. Load regulation measured from 60% to 100% full load and from 60% to 20% load (60% +/- 40% full load)

TR25R Series Derating Curve



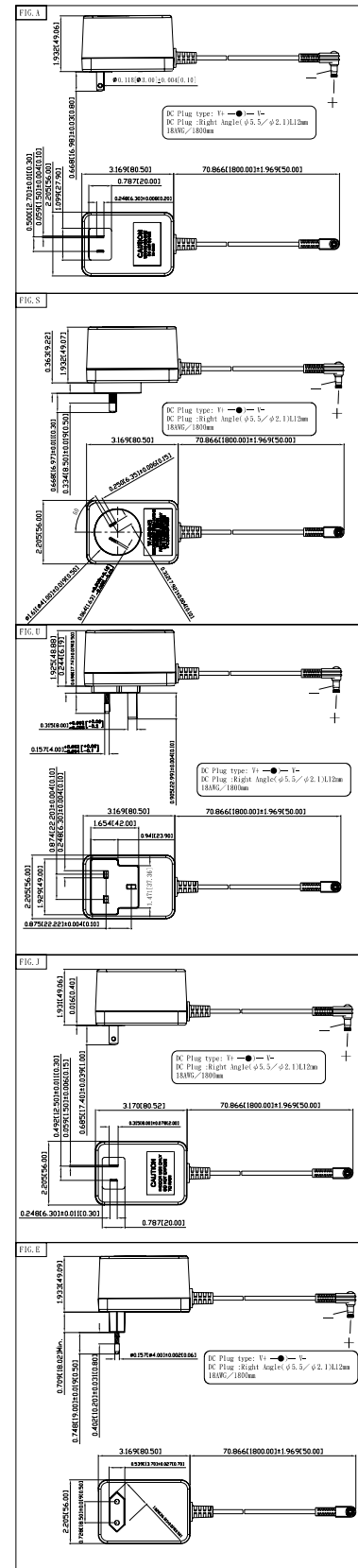
Typical at 25°C, nominal line and 75% load, unless otherwise Specified

Mechanical Specification

All Dimensions are in inches(mm)

Tolerance: Inches:X.XXX±0.02

Millimeters:X.XX±0.5



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Cincon:

[TR25240-A-11A01](#) [TR25050-A-11A03](#) [TR25050-A-12A03](#) [TR25120-A-11A03](#) [TR25120-A-12A03](#) [TR25120-A-04A03](#) [TR25150-A-11A03](#) [TR25180-A-11A03](#) [TR25240-A-11A03](#) [TR25180-A-12A03](#) [TR25150-A-12A03](#) [TR25240-A-12A03](#) [TR25120-E-01A03](#)