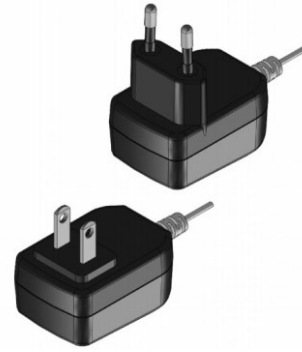




6 Watt Switching Adapter Wall Mount, Series DVTRE06



Features

- Universal Input Range: 90 – 264Vac
- Meets EN55032 Class B and CISPR/FCC Class B
- Meet CoC Tier 2 & DoE Level VI
(Output Cable Length \leq 1800mm)
- Continuous Short Circuit Protection
- Miniature Size
- No Load Power Consumption <75mW

MODEL	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT [mA]	RIPPLE & NOISE [mVp-p] Note 1	VOLTAGE ACCURACY [%] Note 2	LINE REGULATION [%] Note 3	LOAD REGULATION [%] Note 4	EFF. [%] Note 5
TRE06S050	5	1200	100	\pm 4	\pm 1	\pm 3	77
TRE06S090	9	650	100	\pm 3	\pm 1	\pm 2	81
TRE06S120	12	500	100	\pm 3	\pm 1	\pm 2	81
TRE06S150	15	400	100	\pm 3	\pm 1	\pm 2	82

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

- Note:
1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
 2. Voltage setpoint at 60% full load.
 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).
 5. Efficiency with 230Vac and 75% load 25°C.

Ordering information

TRE06XXX -	X	-	XX	A	XX
Model No.	AC Plug Type A: USA 2 Pin E: Europe 2 Pin		DC Plug Type	OVP A: Without OVP	DC Cable Length and Type 01: 720mm 02: 1200mm 03: 1800mm 11: 720mm with Ferrite Core 12: 1200mm with Ferrite Core 13: 1800mm with Ferrite Core *22AWG for 5V, UL2468 *24AWG for 9V, 12V, 15V, UL2468

INPUT SPECIFICATIONS:

Input Voltage Range.....	90-264Vac
Frequency.....	47 to 63Hz
Input Current.....	0,25A max.
Inrush Current.....	Cold Start @ 25°C 90A max. @240Vac
Leakage Current.....	0,25mA max.

OUTPUT SPECIFICATIONS:

Hold-up Time.....	10mS typ. @115Vac
Short Circuit Protection.....	Hiccup Mode Continuous (Auto Recovery)
Temperature Coefficient.....	±0.05% / °C

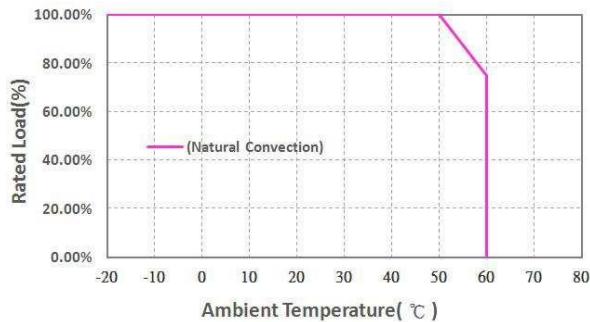
GENERAL SPECIFICATIONS:

Isolation I/O.....	3000VAC
Operating Temperature Range.....	-20°C to +60°C (see derating curve)
Storage Temperature Range.....	-20°C to +85°C
Humidity.....	93% RH max. Non condensing
Cooling.....	Natural Convection
Switching Frequency.....	30-70KHz typ.
MTBF (MIL-HDBK-217F, GB, at 25°C/115VAC.....	300Khrs min.
Altitude.....	4000m
Dimensions.....	52,00 x 36,00 x 25,21 mm)
Weight.....	55g

SAFETY & EMC:

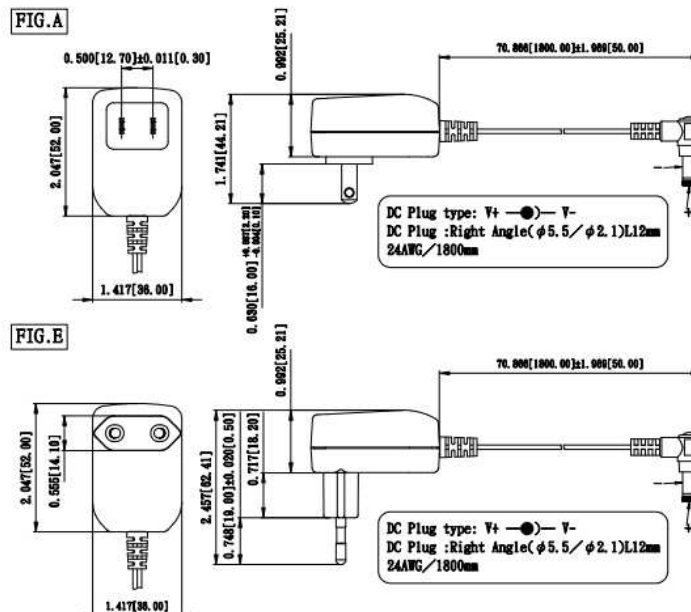
Emission & Immunity.....	EN55032 Class B, FCC Part 15 Class B EN61000-6-3, EN61000-3-2, EN61000-3-3 EN55024, EN61204-3, EN61000-6-1
Safety.....	Class II, IEC62368-1, UL62368-1

Derating Curve



Mechanical Specification

All Dimensions in Inches (mm); Tolerance: Inches: x.xxx=±0.02, mm: x.xx=±0.5



Technische Änderungen vorbehalten / Specifications are subject to change without notice