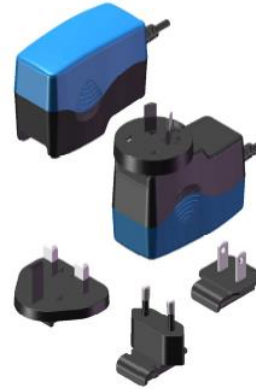




15 Watt Switching Adapter Wall Mount, Series DVTRE15RD



Features

- Universal Input Range: 90 – 264Vac
- Meets EN55032 Class B and CISPR/FCC Class B
- Continuous Short Circuit Protection
- Over Voltage Protection
- No Load Power Consumption <75mW
- Approved IEC/EN/UL62368-1
- Meet CoC Tier 2 & DoE Level VI
(Output Cable Length ≤1800mm)

MODEL NUMBER	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT MAX. [A]	RIPPLE & NOISE [mVp-p] Note 1	VOLTAGE ACCURACY [%] Note 2	LINE REGULATION [%] Note 3	LOAD REGULATION [%] Note 4	EFF. [%] Note 5
TRE15RD050	5	2,0	50	±2	±1	±4	79
TRE15RD090	9	1,4	90	±2	±1	±2	83
TRE15RD120	12	1,0	100	±2	±1	±2	83
TRE15RD150	15	1,0	100	±2	±1	±2	84
TRE15RD240	24	0,63	100	±2	±1	±2	84

- 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. Average Efficiency measured at 25%,50%,75%,100% load and input voltage is 115Vac / 230Vac.
 6. Typical at 25°C, nominal line and 75% load, unless otherwise specified.

Ordering information

TRE15RDXX	-	XX	G	XX
Model No.		DC Plug Type	UL1571 with 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
				* 20AWG for 5V, UL1571 or Equivalent
				* 18AWG for 9V, UL1571 or Equivalent
				* 24AWG for 12V, 15V, 24V, UL1571 or Equivalent

INPUT SPECIFICATIONS:

Input Voltage Range.....	90-264Vac
Frequency.....	47 to 63Hz
Input Current.....	0,5A max.
Inrush Current.....	Cold Start @ 25°C 50A max. @240Vac
Leakage Current.....	0,25mA max.

OUTPUT SPECIFICATIONS:

Hold-up Time.....	10mS typ. @ 115Vac
Short Circuit Protection.....	Continuous (Auto Recovery)
Over Voltage Protection.....	IC Component to Clamp
Temperature Coefficient.....	±0.05% / °C

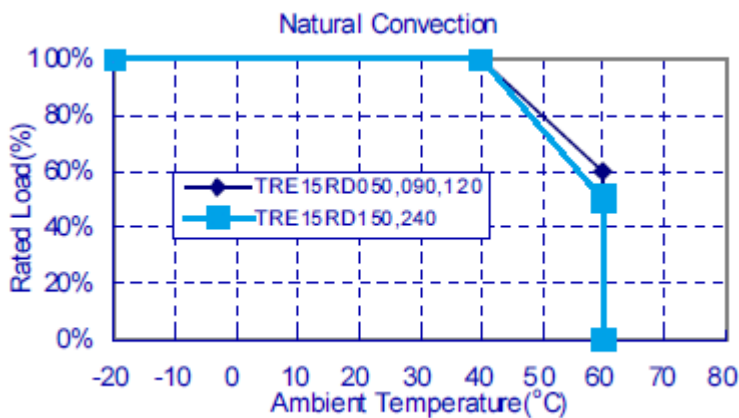
GENERAL SPECIFICATIONS:

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.....	Full Load / 115V.....85KHz typ. Full Load / 230V.....65KHz typ.
MTBF (MIL-HDBK-217F, GB, at 25°C/115VAC).....	330Khrs min.
Altitude.....	5000m
Dimensions.....	72,00 x 57 x 33,00 mm
Weight.....	100g typ.

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, IEC/EN/UL60950-1 & IEC/EN/UL62368-1

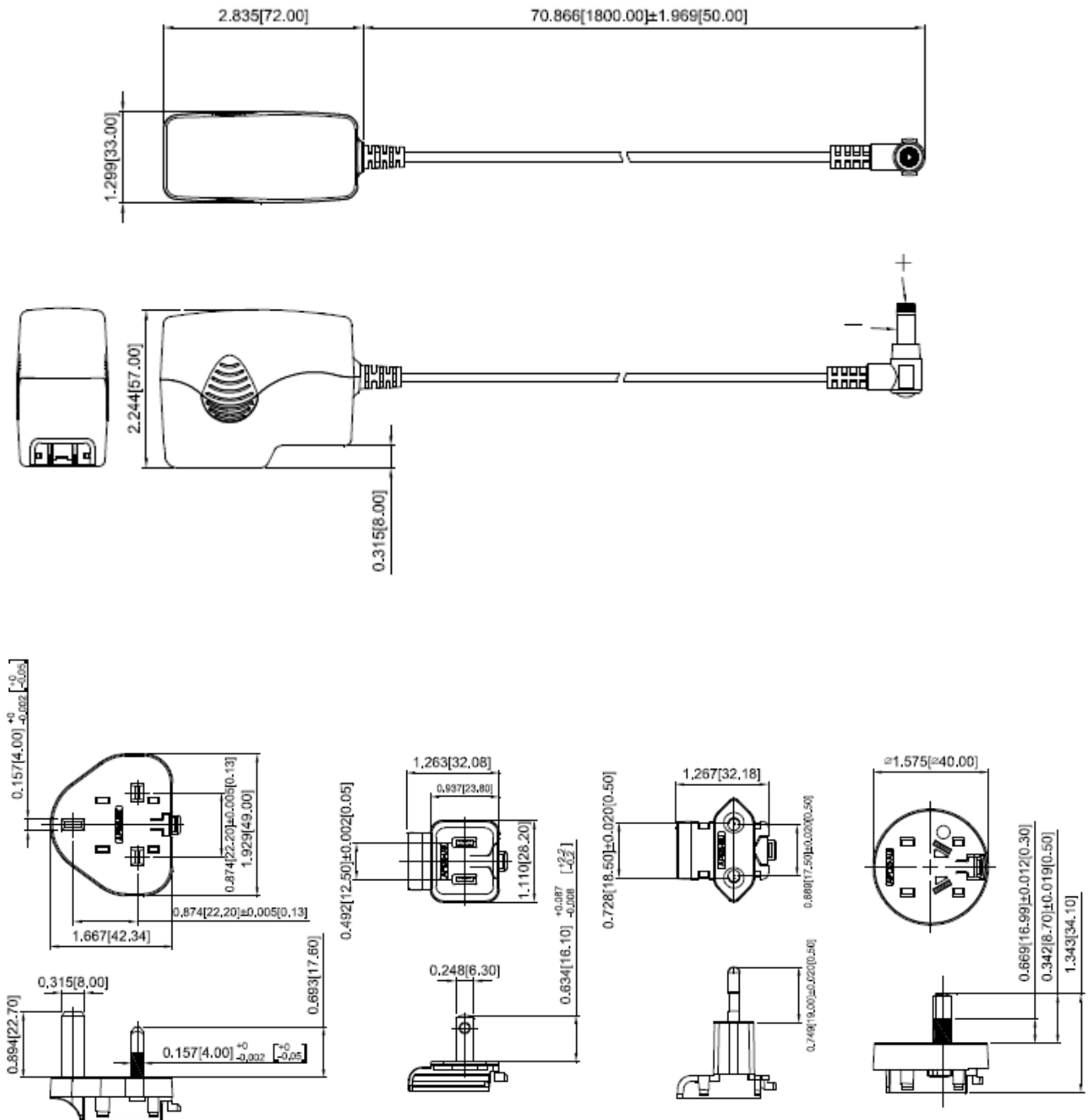
Derating Curve



Mechanical Specification

Series DVTRE15RD

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