

1. Description

The Power Distribution Unit (PDU) to protects your rack equipment from transient voltage and temporary over voltage (TOVs)

- 1.1 Designed for low-voltage power supply system
- 1.2 Discharges current with a 8/20 uSec. Waveform
- 1.3 Surge protective components are Metal oxide varistor (MOV)
- 1.4 Multi socket front 1 outlets, back 8 outlets
- 1.5 16 A power handling capacity with circuit breaker.

2. Electrical data

2.1 Nominal AC voltage (Un)	230 V 50 Hz
2.2 Max. continuous operating voltage (Uc)	264 V 50 Hz
2.3 Nominal discharge current (In)	15 kA (8/20 μ Sec.)
2.4 Max. discharge current (Imax)	40 kA (8/20 μ Sec.)
2.5 Residual voltage (Ures)	< 1.1 kV at Cat. B3/C1
2.6 Response time	< 25 nSec.
2.7 Clamping voltage	315 V $\pm$ 15% at current > 100 mA 50 Hz
2.8 TOVs surge current	> 5 A 50 Hz in 0.5 Sec.
2.9 Let through voltage (TOVs)	< 265 V (at TOVs surge current)
2.10 Protection mode (All mode)	L-N, L-PE, N-PE
2.11 Overload protection	Circuit Breaker
2.12 Noise filter	LC filter
2.13 LCD monitor (3 digits LCD)	Line voltage / AC Load current
2.14 TOVs surge current counter (3-digits LED)	> 5 A $\pm$ 20% at 1 cycle of 50 Hz

3. Mechanical data

- 3.1 Humidity : 5% - 95%
- 3.2 Operating Temperature : -10 °C to +70 °C
- 3.3 Housing material : UL94V-0
- 3.4 Degree of protection : IP 20
- 3.5 Max. load current 16 A
- 3.6 AC line cord : 3 m. / 3 x 2.5 sq.mm. AC Power cable IEC 227
- 3.7 LED Indicator : Power / Damage / Surge / Ground
- 3.8 Weight : 2.5 Kilograms
- 3.9 Dimension : 19" x 1.70" x 9" (1U for Rack 19")

4. Complies with

- 4.1 IEC 61643-11-2011
- 4.2 IEC 60227/IEC 53
- 4.3 IEEE C62.41.1-2002
- 4.4 IEEE C62.41-1991
- 4.5 TIS 11 PART 5-2553
- 4.6 TIS 11-2553
- 4.7 TIS 166



Model : ENT1U-009