

130WATT

SINGLE OUTPUT SWITCHING ADAPTOR

DTD130-SX-W-F SERIES



GENERAL SPECIFICATION

This specification describes the performance characteristics of a grounded, single phase, 130 Watts, Single Output Switching Adapter, with active PFC function and with a internal cooling fan. In addition, it defines a worldwide safety requirement and electromagnetic compatibility requirement for desktop Switching Adapter.

1) INPUT

Description	Min.	Nominal	Max.	Condition
Input Voltage	90VAC	115/230V	264VAC	Auto Range; 50/60Hz
Input Current(rms)	1A@264Vac	2.5A@90Vac	MAX.	
Line Frequency	47Hz	50/60Hz	63Hz	-
Power Factor	>0.95 (20%~100% Load)			
Efficiency	>80% at full load, 115VAC (DC Conversion)			
EMI: FCC Class B; CISRP22 Class B; EN 55022 Class B, EN61000-3-2 Class D				

2) OUTPUT

*Hold up time: 16ms typical at full load @ 115VAC

*Voltage Regulation: $\pm 3\%$

Model Name	Nominal Voltage	Max. Wattage	Output Current		Ripple & Noise
			MIN.	MAX.	
DTD130-08SX-W-F	8	130W	0.0A	16.25A	80mv
DTD130-09SX-W-F	9	130W	0.0A	14.44A	90mv
DTD130-10SX-W-F	10	130W	0.0A	13.0A	100mv
DTD130-11SX-W-F	11	130W	0.0A	11.81A	110mv

NOTE: 1. Peak to Peak with 20MHz bandwidth and 10uF in parallel with a 0.1uF capacitor.

3) PROTECTION:

- OVER VOLTAGE PROTECTION(OVP)
- AC RECYCLE SHORT CIRCUIT PROTECTION
- OUTPUT SHORT CIRCUIT PROTECTION
- AUTO RECOVER MODE

4) ENVIRONMENT

Operating Temperature 0°C to +40°C

Storage Temperature -10°C to +70°C

MTBF: > 100'000 hours at full load and 25°C ambient temperature.

5) SAFETY REQUIREMENTS

UL 1950
CSA 22.2-234
TUV EN60950
CB
CE: EMC &LVD
FCC

6) DIMENSION

Outside dimension: 187(L) X 105(W) X 60(H)mm
Input connector: IEC320-C13
Output connector: Depends on your requirements
ON/OFF SWITCH IS OPTIONAL

