

40 WATT SINGLE OUTPUT SWITCHING ADAPTOR DTB40-SX-W SERIES



GENERAL SPECIFICATION

This specification describes the performance characteristics of a grounded, single phase, 40 Watts, Single Output Switching Adapter.

1) INPUT

Description	Min.	Typical	Max.	Condition
Input Voltage	90VAC	115/230V	264VAC	Full Range; 50/60Hz
Input Current(RMS)	2A @ 90Vac 1A @ 264Vac Max.			
Line Frequency	47Hz	50/60Hz	63Hz	-
Efficiency	>80% 115VAC at full load			
EMI: FCC Class B; CISRP22 Class B; EN 55022 Class B				

2) OUTPUT

*Voltage Regulation: $\pm 3\%$

*Hold Up Time: 10ms typical at full load @ 115VAC

Model Name	Nominal Voltage	Max. Power	Output Current		Ripple & Noise
			MIN.	MAX.	
DTB40-09SX-W	9	40W	0.0A	4.4A	90mv
DTB40-12SX-W	12	40W	0.0A	3.3A	120mv
DTB40-13SX-W	13	40W	0.0A	3.1A	130mv

NOTE: 1. Peak to Peak with 20MHz bandwidth and 10uF in parallel with a 0.1uF capacitor.
2. CV-Constant Voltage: +9V~+13.8V/40W

3) PROTECTION:

- OVER VOLTAGE PROTECTION(OVP)
- AC RECYCLE SHORT CIRCUIT PROTECTION
- OUTPUT SHORT CIRCUIT PROTECTION(<0.03 OHM)
- AUTO RECOVERY

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
IEC 950
CE: EMC &LVD

6) DIMENSION

Dimension: 132(L) × 69(W) × 40(H)mm

