

Zhongsan M S El ectri cal Appl i ance Co. , Ltd.

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1.1 Test Circuit ()

2. ~~Time~~ Characteristics ~~t~~ i

Ripple & Noise: Tested by a oscilloscope using 20MHz bandwidth and the output is paralleled a 0.1uF ceramic capacitor and a 47uF electrolysis capacitor

: 20MHz , 0.1uF 47uF

4. Protection Requirements/

4.1. Over Current Protection/

OCP Point Limited: 140%-200% auto restart : 140%-200%

The output shall hiccup when the over current applied to the output , and shall be self-recovery when the fault condition is removed

With the rated voltage charged to the primary and output current 1000mA, after continuously work 24hours have no damage.(1000mA 24)

4.3. Short Circuit Protection/

The input power shall decrease when the output is short to GND, the power supply shall not damage, and shall be self-recovery when the fault condition is removed

5. Environment Requirements/

5.1.Operating Temperature and Relative Humidity/

0 to +40 20%RH to 80%RH @ Sea level shall below or no more than10,000 feet

10,000 0 , +40 , 20%RH to 80%RH

5.2 Storage Temperature and Relative Humidity/

'-30 to +70 10%RH to 90%RH non-condensing @ Sea level shall below 30,000 feet

30,000 -30 +70 , 10%RH to 90%RH

5.3. Vibration/

10 to 300Hz sweep at a constant acceleration of 1.0G(Breadth: 3.5mm) for 1Hour for each of the perpendicular axes X, Y, Z

: 10 to 300Hz, : 1.0G(: 3.5mm), X, Y, Z 1

5.4This product does not have dimming function and can be paired with a suitable controller to achieve the corresponding function.

6. EMC Standards & Safety Standards / EMC

6.1. EMC Standards/EMC

GB9254	GB17625.1	GB13837	FCC- Part15
EN 55032	EN55024	CISPR 22	EN 61000-4-4
EN 61000-3-2	EN 61000-3-3	EN 61000-4-2	EN 61000-4-3
EN 61000-4-5	EN 61000-4-6	EN 61000-4-8	EN 61000-4-11

6.1.2. Safety Standards /

Type				Type		
CCC						
UL/CUL						
KC						

6.1.3. ielectric Strength(Hi-pot)/ ()

Primary to Secondary: 3000Vac / 5mA / 60 seconds (3 seconds for production)

: 3000Vac / 5mA / 60 (: 3)

6.1.4. Leakage Current/

6.1.5 .Insulation Resistance/

100M min. @ primary to secondary add a 500Vdc test voltage

500Vdc , 100M

7. Testing Equipment /



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4		TDS1012B		
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10				



AC/DC ADAPTER

For LED modules only



	Indoor use only
	Protection class II appliance
