AC-DC 220V to 3,3V, 5V,12V 3W

Produktkode: 690aa
Tilgjengelighet: Opp til 1 mnd leveringstid
Lager : O17

Pris: kr. 65,00

Short Description
HI-LINK HLK-PM01 AC-DC 220V to 5V Step-Down Power Supply Module Household Switch

Beskrivelse

Item specifics

Condition:	New: A brand-new, unused, unopened, undamaged item in its original packaging (where packaging is ... Read more	Custom Bundle:	No
Modified Item:	No	MPN:	Does No
Conversion Direction:	Step-Down	Brand:	Hi-Link
Current Conversion:	AC to DC	Model:	PM01
UPC:	Does not apply		

HLK-PM01 AC-DC 220V to 5V Step-Down Power Supply Module Intelligent Household Switch Power Supply Module

Hi-Link latest power supply module, suitable for smart home switch control device, small volume, low current, input voltage range, is the best choice of smart home.

Product features:

1. The ultra-thin, subminiature

2. The full voltage input (90 ~ 264 vac)

3. Low ripple and low noise

4. Output overload short circuit protection function

5. High efficiency and power density

6. Product design to meet the EMC and safety testing requirements

7. Low power consumption, green environmental protection, no-load loss < 0.1 W

Aging and

8.100% load test

9. Meet the requirements of UL, CE,

The quality guarantee period of 10.1 years

2. Environmental conditions

The name of the project

Technical indicators:Single bit

Working temperature: - 20-60 +degree

Storage temperature: + 80-40 -degree

Relative humidity: 5-95.%

The cooling way: Natural cooling

The atmospheric pressure: 80-106Kpa

The altitude :2000M or less

vibration

Vibration coefficient of 10 ~ 500 hz, 2 g10min. / 1 cycle, 60 min. Each along the X, Y, Z axes

3. The electrical characteristics

1. The input features (test) at room temperature.

The name of the project

The technical requirements:Single bit

The rated input voltage:100-100.VAc

The input voltage range:90-90.VAc

Maximum input current:0.2 or less a.

Input surge current;10 or less a.

Maximum input voltage:270 or less VAc

Input soft start: 50 or less MS

Efficiency of low input voltage: Vin = 110 vac, output with 69 or more %

High input voltage: Vin = 220 vac, output with 70 or more %

Long-term reliability:MTBF 100000 or more H.

No load rated output voltage: + 5 + / - 0.1 VDc

Full rated output voltage: + 5 + / - 0.2 VDc A

short time maximum output current: P 1000 ma

The maximum output current for a long time: P 600 ma

Voltage regulation: + / - 0.2 %

Load regulation: + / - 0.5 %

The output ripple and noise: (mVp - p) 50 or less

The rated input voltage and output load.With 20 MHZ bandwidth oscilloscope,

Load and 10 uF and 0.1 uF capacitance test. The MV

Switch machine overshoot

(rated input voltage, output and 10% load) 5 or less % VO

Output over-current protection

Output the maximum load of 150-200%

a.

Output short circuit protection

Directly to the output of the normal short circuit, short circuit automatically resume normal work after removal

4. Safety features:

4.1 the product design as to meet the requirements of UL, CE safety certification.

4.2 safety and electromagnetic compatibility

The input design USES UL 0.5 A insurance;

PCB board made of double-sided copper-clad boards material is 94 - where V0 fire rating level;

Safety standards in accordance with UL1012 EN60950, UL60950

Insulation voltage I/P - O/P: 2500 vac

Insulation resistance I/P - O/P > 100 m Ohms / 500 VDC 25 degree 70% RH

Conduction and radiation in line with the EN55011, EN55022 (CISPR22)

Electrostatic discharge IEC/EN 61000-4-2 level 4 8 kv / 15 kv

Radiofrequency radiation immunity IEC/EN 61000-4-3 can be found in the application

4.3 safety design temperature

At normal temperature on our power capacitor, main converter so on surface temperature does not exceed 90 degree; the largest

The shell surface maximum temperature does not exceed 60 degree;

Product Gallery