

User Manual: Multi-Channel Boxed 12VDC Power Supply

General:



Features:

- Central low DC voltage power system.
- Suitable for CCTV, alarm systems, access controls.
- Full range AC input: 96-264V AC
- Individual thermal fuse for each output channel
- Built-in EMI Filter. 100% full load burn-in test

Cautions!!!

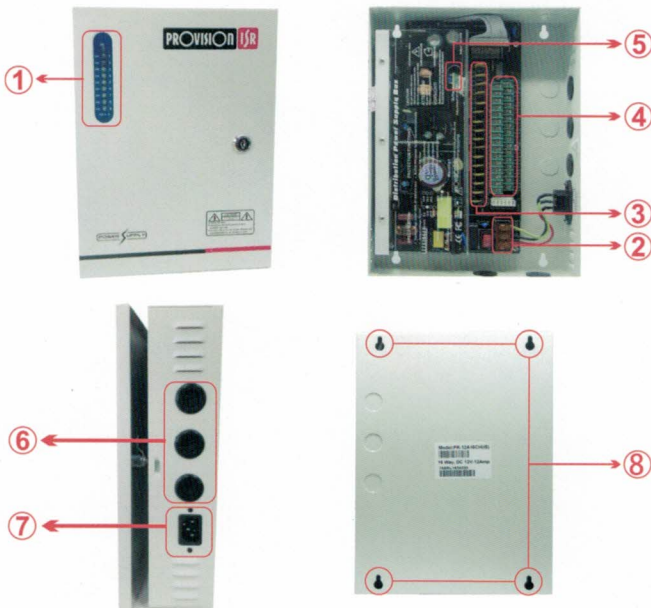
| | |
|---|---|
| 1 | DC terminal "+", "-" must be connected correctly to prevent damage to the connected devices |
| 2 | Make sure that + and - terminal do not touch. This will cause a short circuit that may cause permanent damage to the power supply |
| 3 | L/N cables should not be connected to GND. Only professional electrician should adjust the AC terminals. |
| 4 | When adjusting the output voltage, please use a multimeter to make sure that the output complies with the device power input specification. |
| 5 | If the main fuse burns twice or more in short duration, disconnect the unit from power and use multi-meter to make sure that there are no short circuits. |

Accessories

| Name | Lock Keys | Installation Drawing | Installation screw anchors & screws | Tube Fuses | Screwdriver |
|----------|-----------|----------------------|-------------------------------------|------------|-------------|
| Picture | | | | | |
| Quantity | 1 | 1 | 4 | 1 | 1 |

CEFC — RoHS

Product Description:



- ① General power LED + Individual LEDs indicators for each DC output.
- ② AC input terminals: 96~264VAC, 47~63Hz.
- ③ Individual thermal fuse
- ④ DC terminals: ~12VDC
- ⑤ Output Voltage Adjustment: ~11-14VDC
- ⑥ Cable insert holes.
- ⑦ AC Cable Terminal: Full range 96~264VAC, 47~63Hz
- ⑧ Hanging holes.

⚠ Installation Steps

General

The power supply unit should be installed and connected by professional installer.

Step 2. Product Checking

Open the package, check if all accessories are complete and that the device is undamaged. Connect to AC power and check whether all LEDs are working. Use multimeter to test the output DC voltage and adjust it if required. If any LED not lighted or output voltage not within the specification please contact Provision-ISR's technical support.

Step 3. Installation Preparation

Use the installation drawing to position the box. Use impact electric drill to drill holes on the wall. The fixing holes depth should be no more than 1.5 times of the length of the screw anchors. Insert the screw anchors to the drilled holes and fix the screw halfway.

Step 4. Hanging the Power Supply

Hang the power supply on the fixed screws then tighten the screws if needed. Make sure that the power box is steady.

Step 5. Connection

1. Connect DC cables. Notice: "+" and "-" must be connected correctly otherwise the terminal fuse will cut off the supply to that channel.
2. Connect AC cable. Use AC plug to connect AC Jack on box side, or connect an AC cable directly to the "L", "N", "GND" terminals within the box.

Step 6. Turn on Power

After all connections are done, reconfirm that all connections are right and that no terminals are touching each other. Turn on Power and check that each LED is lighted.