

## Product information:

The PSD241 is designed specifically for equipment with a low power consumption (1,67A at max 40W), such as the extremely efficient AMP20 amplifier. The PSD series offers a wide range of versatile switching power supplies. They are mainly used as power supply for extension units, interface boxes or other expansion units of sound systems, but they can be used for all kinds of applications requiring 24V DC, at different current ratings. There are two different construction forms available, standard ABS housings suited for standard applications, and industrial graded designed DIN rail mounting versions, to be used in all kinds of applications. Going from small and simple applications to industrial environments and hazardous locations.



## System specifications:

|                        |                 |   |
|------------------------|-----------------|---|
| Inputs                 | Connector       | IEC C14 Connector                       |
| Outputs                | Connector       | Tinned cable ends (Red '+' / Black '-') |
| DC                     | Outputs current | 1.67 A                                  |
|                        | Outputs Voltage | +24V DC $\pm$ 5%                        |
| Regulation             |                 | 22.80Vmin ~ 24.00Vtyp ~ 25.20Vmax       |
| Peak power handling    |                 | 80,16 W                                 |
| Program power handling |                 | 40.08 W                                 |
| Ripple and Noise       |                 | 240 mV                                  |
| AC Inputs              | Voltage         | 100 ~ 240 V AC                          |
|                        | Frequency       | 47 ~ 63 Hz                              |
| Efficiency             |                 | > 85%                                   |
| Safety                 |                 | UL / cUL / CB / GS / PSE / BSMI / RCM   |
| Protection             |                 | Over Voltage                            |
|                        |                 | DC Short circuit                        |
|                        |                 | Over Current                            |
| Energy certification   |                 | MEPS V                                  |
|                        |                 | Energy Star V                           |
|                        |                 | Erp (Stage 2)                           |

## Product Features:

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|                         |                              |          |
|-------------------------|------------------------------|----------|
| Dimensions              | 100 x 50 x 33 mm (W x H x D) |          |
| Weight                  | 0.190 kg                     |          |
| Construction            | ABS                          |          |
| Connection cable length | 1.5 m                        |          |
| Material                | Flammability                 | UL 94V-0 |
| Colours                 | Black                        |          |

## Shipping & Ordering:

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|--------------------------|------------------------|
| Packaging                | Cardboard box          |
| Shipping weight & volume | 0.230 kg - 0.00022 Cbm |