

PSU35S-AW Series case power supply

Typical performance

- Single output mode
- Total output power 35W
- Output voltage 12V/15V/24V/36V/48V
- Input voltage range 85~264VAC
- High isolation voltage 4000VAC
- Housing power supply



Input characteristic

Input voltage range	85~264VAC	120~370VDC
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General characteristic

Isolation voltage	Input-output: 4000VAC
Insulation resistance	$\geq 100M\Omega$
Mean time between failures	$\geq 3 \times 10^5 h$
Protection function	Short circuit protection, over current protection, over voltage protection
Operating temperature	$-30 \sim +70^\circ C$
Storage temperature	$-40 \sim +85^\circ C$
Storage humidity	10~95%RH
Cooling mode	Natural cooling

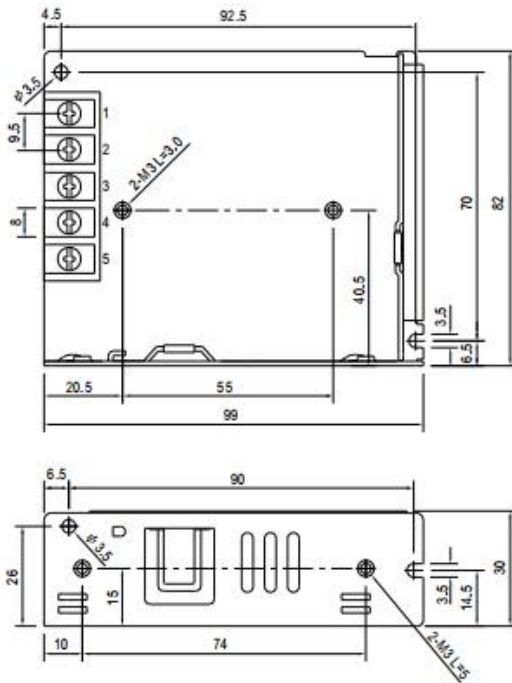
输出特性

输出电压精度	全负载范围, $\pm 1\%$
负载效应	0%~100%负载, $\pm 0.5\%$
源效应	额定负载, $\pm 0.5\%$
纹波及噪声	20MHz 带宽 (峰-峰值), $< 200mVp-p$
转换效率	参考选型表
温度系数	$\leq \pm 0.03\%/^\circ C$ (0-50°C)

■ Selection list

Model number	Input voltage range Vac/Vdc	Output voltage/current (V) / (A)	Typical efficiency (%)
PSU35S-12-AW	85V-264V/120V-370V	12/3.00	86
PSU35S-15-AW	85V-264V/120V-370V	15/2.40	86
PSU35S-24-AW	85V-264V/120V-370V	24/1.50	88
PSU35S-36-AW	85V-264V/120V-370V	36/1.00	88
PSU35S-48-AW	85V-264V/120V-370V	48/0.80	89

■ Product diagram



端子脚位定义

引脚编号	引脚功能	引脚编号	引脚功能
1	AC/L	4	DC OUTPUT -V
2	AC/N	5	DC OUTPUT +V
3	FG		

单位 mm

■ Pin definition

definition	1	2	3	4	5
Instructions	AC/L	AC/N	FG	-V	+V