

Features

- Miniature, thin power supply ideal for building into equipment
- Half the size of OMRON's conventional power supplies



Ordering Information

Type	Rated input voltage	Power rating	Output voltage	Output current	Part number
Open frame	120 VAC	10 W	12 V	1.0 A	S8E1-01012A
			24 V	0.5 A	S8E1-01024A
		15 W	12 V	1.3 A	S8E1-01512A
			24 V	0.7 A	S8E1-01524A
		25 W	12 V	2.1 A	S8E1-02512A
			24 V	1.1 A	S8E1-02524A
		50 W	12 V	4.2 A	S8E1-05012A
			24 V	2.2 A	S8E1-05024A
		10 W	12 V	1.0 A	S8E1-01012D
			24 V	0.5 A	S8E1-01024D
Covered	120 VAC	15 W	12 V	1.3 A	S8E1-01512D
			24 V	0.7 A	S8E1-01524D
		25 W	12 V	2.1 A	S8E1-02512D
			24 V	1.1 A	S8E1-02524D
		50 W	12 V	4.2 A	S8E1-05012D
			24 V	2.2 A	S8E1-05024D

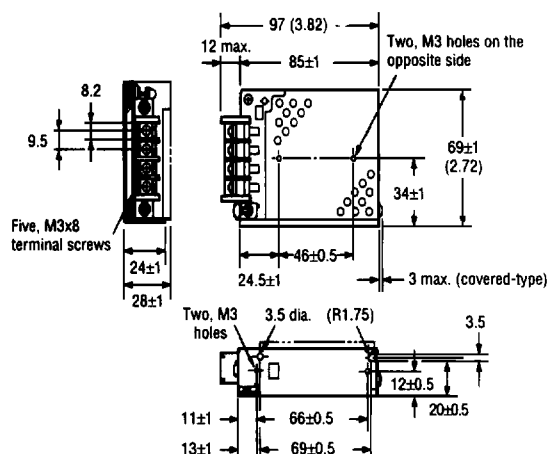
Note: 5 V and 15 V types also available.

Specifications

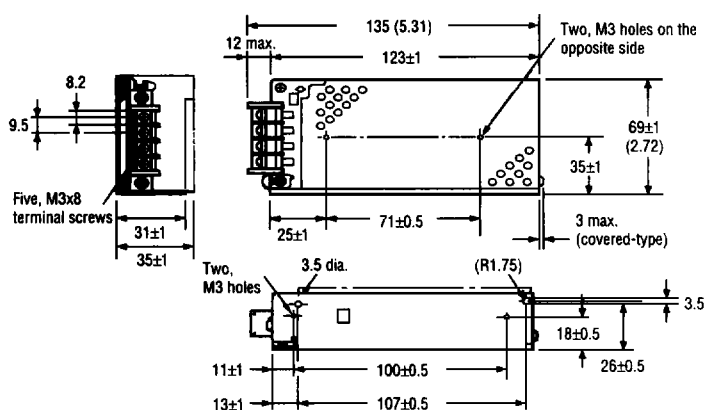
Item	10 W	15 W	25 W	50 W
Efficiency (typical)	73% to 83% (depends on the model)			
Life expectancy	8 years min. (with standard installation at 40°C at the rated input with a 50% load)			
Input	Voltage	120 VAC (85 to 132 V)		
	Frequency	47 to 450 Hz		
	Current (with rated I/O)	0.4 A max.	0.5 A max.	0.7 A max.
	Leakage current (with rated I/O)	0.5 mA max		
	Inrush current (with rated I/O)	25 A max. (at 25°C)		
	Noise filter	Yes		
Output	Voltage adjustment range	±5% (adjustable with variable resistor [V.ADJ])		
	Ripple	2% (p-p) max.		
	Input variation influence	0.4% max. (at 85 to 132 VAC input, 100% load)		
	Load variation influence	0.8% max. (with rated input, 10% to 100% load)		
	Temperature variation influence	0.05%/°C max. (with rated input and output)		
	Rise time	100 ms max.		
	Hold time	20 ms min.		
Other	Ambient temperature	-20° to 85°C		
	Approved standards	UL 1012, CSA E.B. 1402		

Note: Ratings and characteristics are defined at the power supply output terminals.

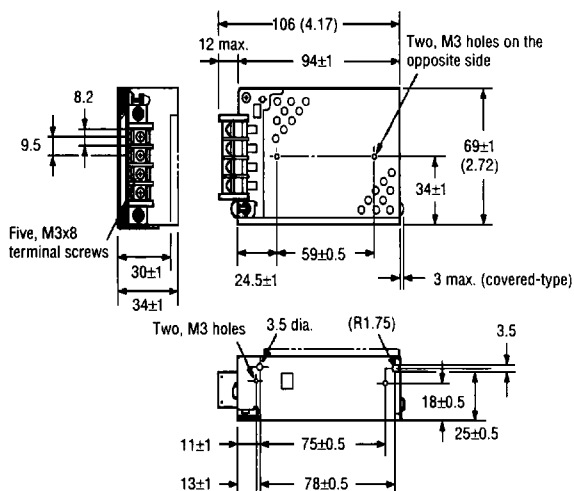
10 W Open frame type/Covered type



25 W Open frame type/Covered type



15 W Open frame type/Covered type



50 W Open frame type/Covered type

