SITOP PSU100L

Product Data Sheet

6EP1333-1LB00

SITOP 24 V power supply

INPUT PHASES	RATED INPUT VOLTAGE	PERMISSIBLE INPUT RANGES	LINE FREQUENCY
1 AC	**120/230 V AC, manual selection**	**93–132 V AC; 187–264 V AC**	**47–63 Hz**

Siemens 6EP1333-1LB00 is a SITOP PSU100L regulated power supply delivering 24 V DC at 5 A, equivalent to 120 W of rated output. Its single-phase AC input uses a manual selector for the 120 V and 230 V supply ranges, supporting industrial control circuits that require an isolated DC source.

01 TECHNICAL DATA

Input phases	1 AC
Rated input voltage	120/230 V AC, manual selection
Permissible input ranges	93–132 V AC; 187–264 V AC
Line frequency	47–63 Hz
Input current at 120 V	2.1 A
Input current at 230 V	1.15 A
Maximum inrush current	32 A at 25 °C
Input fuse	T3.15 A / 250 V, internal
Output voltage	24 V DC
Output current	5 A

02 ADDITIONAL PRODUCT DATA

Output power	120 W
Output adjustment	22.8–26.4 V DC
Static output tolerance	±3%
Maximum residual ripple	150 mV peak-to-peak
Minimum line-failure buffering	20 ms

03 PRODUCT FUNCTION

The permitted input ranges are 93–132 V AC and 187–264 V AC at 47–63 Hz. A potentiometer adjusts the output from 22.8 to 26.4 V DC; the total static tolerance is ±3% and maximum residual ripple is 150 mV peak-to-peak. The 5 A model includes a T3.15 A internal input fuse and provides at least 20 ms line-failure buffering under the specified rated-load conditions.

04 SYSTEM COMPATIBILITY

Plan the load around the 5 A rated DC output and the required 22.8–26.4 V adjustment range. The 5 A column specifies input currents of 2.1 A at 120 V and 1.15 A at 230 V, with 32 A maximum inrush at 25 °C; select the upstream circuit accordingly.

05 REFERENCE

Siemens SITOP PSU100L Manual, August 2016; 6EP1333-1LB00 model column

AMIKON PRODUCT SUPPORT
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM