SIMATIC ET 200SP PS 24 V 5 A

Product Data Sheet

6EP7133-6AB00-0BN0

24 V 5 A Power Supply

AC INPUT SELECTION	AC INPUT RANGES	INPUT FREQUENCY	RATED INPUT CURRENT
120/230 V AC; automatic	**85 to 132 V; 170 to 264 V**	**47 to 63 Hz**	**2.16 A at 120 V; 1.22 A at 230 V**

Siemens 6EP7133-6AB00-0BN0 is a SIMATIC ET 200SP power supply providing regulated 24 V DC at 5 A, with a rated output of 120 W. It automatically selects between the 120 and 230 V AC input ranges. The push-in connection arrangement and ET 200SP format support cabinet installation alongside the associated automation equipment.

01 TECHNICAL DATA

AC input selection	120/230 V AC; automatic
AC input ranges	85 to 132 V; 170 to 264 V
Input frequency	47 to 63 Hz
Rated input current	2.16 A at 120 V; 1.22 A at 230 V
Maximum inrush current	45 A
Output voltage	24 V DC
Rated output current	5 A
Rated output power	120 W
Output adjustment range	22.8 to 28 V
Maximum output ripple	150 mV peak-to-peak

02 ADDITIONAL PRODUCT DATA

Short-time output boost	15 A for 800 ms
Extra-power duration	150% rated current for 5 s per minute
DC-OK relay contact	NO; 60 V DC, 0.3 A
Parallel supplies permitted	2
Enclosure protection	IP20

03 PRODUCT FUNCTION

The output is adjustable from 22.8 to 28 V. A 15 A boost is available for 800 ms, while the extra-power characteristic permits 150 percent of rated current for five seconds per minute. A normally open DC-OK relay reports the supply condition and is rated 60 V DC, 0.3 A. Two units may be connected in parallel under the manufacturer instructions. Operation above 60 C requires the specified current derating.

04 SYSTEM COMPATIBILITY

Set the output between 22.8 and 28 V for the connected loads and budget continuous demand against 5 A. Distinguish the 800 ms boost from the five-second extra-power characteristic. Where two supplies operate in parallel, follow the specified adjustment and connection arrangement.

05 REFERENCE

Siemens 6EP7133-6AB00-0BN0 official technical data; applicable specification pages.

AMIKON PRODUCT SUPPORT

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