SITOP PSU100S 12 V

Product Data Sheet

6EP1323-2BA00

Stabilized twelve volt supply

RATED MAINS INPUT	LOW MAINS RANGE	HIGH MAINS RANGE	INPUT SELECTION
120/230 V AC	**85...132 V AC**	**170...264 V AC**	**Automatic range selection**

Siemens 6EP1323-2BA00 is a SITOP PSU100S stabilized single-phase power supply delivering 12 V DC at 14 A. Automatic range selection accepts the documented 120 V and 230 V AC input windows and provides an isolated DC output rated at 168 W.

01 TECHNICAL DATA

Rated mains input	120/230 V AC
Low mains range	85...132 V AC
High mains range	170...264 V AC
Input selection	Automatic range selection
Frequency range	47...63 Hz
Rated output	12 V DC
Rated current	14 A
Voltage adjustment	11.5...15.5 V DC
Rated output power	168 W
Minimum mains buffering	20 ms at 93/187 V input

02 ADDITIONAL PRODUCT DATA

Typical efficiency	87%
Maximum inrush	60 A at 25 degrees C
Maximum startup delay	0.3 s
Typical power loss	24 W
Short-circuit characteristic	Constant current; limitation 14...16.4 A

03 PRODUCT FUNCTION

The output adjusts from 11.5 to 15.5 V DC and includes a green 12 V OK indicator and a floating normally-open signaling contact. The 70 mm-wide DIN-rail unit has a constant-current short-circuit characteristic, supports two-unit parallel operation and requires temperature derating above 50 degrees C.

04 SYSTEM COMPATIBILITY

Mount 6EP1323-2BA00 on the EN 60715 rail with 50 mm above and below the enclosure. Connect L1, N and PE and the DC output with the conductor sizes given in the source, keeping the 12 V OK contact separate from the power terminals.

05 REFERENCE

Siemens 6EP1323-2BA00 official product data sheet

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