SITOP PSU8200

Product Data Sheet

6EP3437-8SB00-0AY0

Three Phase DC Power Supply

RATED AC INPUT	PERMITTED AC INPUT RANGE	INPUT FREQUENCY RANGE	INPUT CURRENT AT 400 V
400 to 500 V, three phase	**320 to 575 V**	**45 to 65 Hz**	**2.1 A**

Siemens 6EP3437-8SB00-0AY0 is a three phase dc power supply in the SITOP PSU8200 range. It is used for regulated 24 V DC power distribution for automation equipment in compatible industrial automation projects.

01 VERIFIED TECHNICAL DATA

Rated AC input	400 to 500 V, three phase
Permitted AC input range	320 to 575 V
Input frequency range	45 to 65 Hz
Input current at 400 V	2.1 A
Input current at 500 V	1.7 A
Maximum inrush current	13 A at 25 deg C
Rated DC output	24 V
Rated output current	40 A
Output voltage adjustment	24 to 28 V
Typical output power	960 W

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Typical efficiency	94%
Maximum residual ripple	100 mV
Typical rated-load dissipation	66 W
Mains buffering	10 ms minimum at 400 V and rated load
Operating temperature	-25 to 70 deg C, 4%/K derating above 60 deg C

03 DOCUMENTED USE SETTINGS

Industrial Assembly and Component Production: Industrial Component Manufacturing Processes.

Water Supply and Municipal Wastewater Treatment: Municipal Water Supply Control.

Electric Power Generation and Energy Production: Thermal Power Generation Processes.

04 SYSTEM COMPATIBILITY

Integrate 6EP3437-8SB00-0AY0 only in the documented SITOP PSU8200 configuration. Match the installed interfaces and the engineered application before selecting this three phase dc power supply.

05 PRODUCT EVIDENCE

Siemens 6EP3437-8SB00-0AY0 product technical data; pages 1, 2, 3

AMIKON PRODUCT SUPPORT

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