

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6EP3333-7SB00-0AX0

SITOP PSU6200 | 24 V / 5 A regulated power supply

OUTPUT	CURRENT	INPUT	MOUNTING
24 V DC	5 A rated	AC or DC	DIN rail

Siemens 6EP3333-7SB00-0AX0 is a SITOP PSU6200 power supply that converts a compatible single-phase AC or DC source into regulated 24 V DC. Its 5 A rated output supplies industrial control loads, while the front potentiometer permits output-voltage adjustment within the documented range.

01

VERIFIED TECHNICAL DATA

Rated input supply	120-240 V AC or 120-240 V DC
AC frequency range	47-63 Hz
Output voltage adjustment	24 V DC nominal; adjustable 24-28 V
Rated output current	5 A; observe temperature and voltage derating
Residual ripple	150 mV peak-to-peak maximum
Output status contact	Normally open relay; 60 V DC / 0.3 A maximum
Input inrush current	30 A maximum at 25 C
Line-failure buffering	20 ms minimum at rated load and 120/240 V input

Technical basis: A5E44623264-2-76, 06/2021. Exact-model values are distinguished from applicable series instructions. Verify the current product and installed revision before engineering.

02

OPERATING & INTEGRATION LIMITS

Efficiency at rated load	Approximately 88.6% at 120 V AC; 90.2% at 240 V AC
Short-circuit response	Electronic shutdown with automatic hiccup restart
Mounting rail	TH35-15/7.5 to EN 60715
Connection system	Spring-loaded terminals; separate line, output and signaling connections
Operating ambient temperature	-25 to +70 C; mounting and load derating apply
Brief overload capability	7.5 A for up to 5 seconds per minute

03

PRODUCT SELECTION CHECKS

- Match the complete 6EP3333-7SB00-0AX0 order code
- Check AC or DC input and protective measures
- Size the supply for running and starting loads
- Confirm enclosure clearances and temperature derating

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OFFICIAL DOCUMENTATION

[A5E44623264-2-76 - 06/2021](#)

Current official product information

This is an independent product reference, not a certificate for an individual unit. Gross shipping weight is not inferred from net product mass.