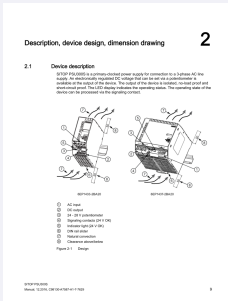


AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6EP1434-2BA20

SITOP PSU300S 24 V/10 A Power Supply



01

VERIFIED PRODUCT PARAMETERS

Input voltage	400 to 500 V three-phase AC
Input frequency	50/60 Hz
Rated output voltage	24 V DC
Rated output current	10 A
Rated output power	240 W
Typical efficiency	91%
Protection class	Class I; IP20 enclosure
Mounting	35 mm DIN rail to EN 60715
Dimensions	7.0 x 12.5 x 12.0 cm
Net weight	0.70 kg

Technical values were verified against Siemens SITOP PSU300S Manual C98130-A7587-A1-7-7629 and official 6EP1434-2BA20 technical data. Confirm the exact order number and current controlled documentation before procurement or installation.

02 MODEL CONFIGURATION VERIFICATION

Product model	6EP1434-2BA20
Product designation	SITOP PSU300S 24 V/10 A stabilized power supply
Operating temperature	-25 to +70 deg C with documented derating
Country of origin	Romania

03 SYSTEM ROLE AND APPLICATIONS

The unit mounts on a 35 mm DIN rail and supports natural-convection cooling. Installation must maintain the specified clearances, conductor ranges, protective-earth connection, upstream protection, output loading, and ambient-temperature derating published by Siemens.

- Supplying 24 V DC control circuits in industrial control cabinets
- Powering PLC, distributed I/O, and control-system electronics
- Providing regulated DC power for machine-control sensors and actuators
- Supporting process-automation instrumentation requiring a stable 24 V DC bus
- Supplying automation loads that require a three-phase industrial AC input source

04 OFFICIAL INSTALLATION FACTS

- Verify the exact 6EP1434-2BA20 order number, 24 V/10 A rating, input system, and cabinet environmental conditions.
- Disconnect and secure the three-phase supply before mounting, wiring, removal, or adjustment.
- Snap the unit onto a 35 mm DIN rail in the permitted orientation and maintain Siemens mounting clearances for natural convection.
- Connect L1, L2, L3, and PE with the specified conductor size and install the required upstream three-pole protection.

05 OFFICIAL DOCUMENTATION

[Siemens SITOP PSU300S Manual C98130-A7587-A1-7-7629](#) and [official 6EP1434-2BA20 technical data](#)

AMIKON PRODUCT SUPPORT

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