

# 24VDC DIN RAIL POWER SUPPLY

Model 6EP13332BA



- SIEMENS SITOP PSU100S 24V/5A 6EP1333-2BA20
- 120/230VAC input, 24VDC 5A output, 120W
- Adjustable output voltage for compensating voltage drops
- Overload current 6A at up to 45°C, 113°F ambient temperature
- Short-term overload current 18A
- Short circuit protection
- Signaling LED and contacts "24V OK" for easy monitoring
- Compact design - no lateral clearances required
- High degree of efficiency up to 88%
- Wide temperature range
- UL, CSA certifications
- DIN rail mount

One-phase SITOP smart are the universal and powerful standard power supplies for machinery and plant engineering. Despite their compact design, they offer an excellent overload response: Thanks to a power boost of 150%, loads with high power consumption can be connected without any problems and the permanent overload capability of 120% offers power reserves in case of expansions. The high degree of efficiency results in low energy consumption and minimal heat generation inside the control cabinet.

INPUT		PROTECTION	
Input	1-phase AC	Current limitation	6 ... 7.1A
Supply voltage	Automatic range selection	Short-circuit protection	Constant current 7.1A (typical)
Rated value 120VAC	85 ... 132VAC	Overload capability	150 % up to 5 s/min
Rated value 230VAC	170 ... 264VAC	SAFETY, ENVIRONMENT	
Rated frequency 50/60Hz	47 ... 63 Hz	Primary/secondary isolation	Galvanic
Input current @120VAC	2.34A	Leakage current	0.4 ...3.5mA
Input current @230VAC	1.36A	Approval	cULus, cCSAus, ATEX, IECEx, GL
OUTPUT		Ambient temperature	-25 ... +70°C, -13 ... +158°F
Output	Controlled, isolated DC voltage	MECHANICS	
Rated value	24VDC, ± 3 %	Connection technology	screw-type terminals 0.5 ... 2.5mm <sup>2</sup>
Adjustment range	22.8 ... 28VDC	Supply L, N, PE	1 screw terminal each
Output voltage setting	via potentiometer	Output +, -:	2 screw terminals each
Status display	Green LED for "24V OK"	Signaling contacts	2 screw terminals
Signaling relay "24V OK"	NO contact, 60VDC/0.3A	Width of the enclosure	50mm, 1.97in
Rated current	5A	Height of the enclosure	125mm, 4.92in
Current range	0 ... 6A	Depth of the enclosure	120mm, 4.72in
Typical active power	144W	Weight, approx.	0.5 kg, 1.1lb
Rated efficiency, approx.	88%	Installation	Snaps onto DIN rail EN 60715 35x7.5/15

**QUALITY  
ELEVATOR PRODUCTS, INC.**

