MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6EP3333-6SB00-0AY0

LOGO!POWER 24 V DC 4 A POWER SUPPLY

Used with the applicable LOGO!Power configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens technical documentation for 6EP3333-6SB00-0AY0

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Data sheet 6EP3333-6SB00-0AY0



LOGO!Power/1AC/24VDC/4A

LOGO!POWER 24 V / 4 A stabilized power supply input: 100-240 V AC output: 24 V DC / 4 A

input	
type of the power supply network	1-phase AC or DC
supply voltage at AC	
● minimum rated value	100 V
● maximum rated value	240 V
● initial value	85 V
● full-scale value	264 V
input voltage at DC	110 ... 300 V
wide range input	Yes
overvoltage overload capability	300 V AC for 1 s
buffering time for rated value of the output current in the event of power failure minimum	40 ms
operating condition of the mains buffering	at Vin = 187 V
line frequency	50/60 Hz
line frequency	47 ... 63 Hz
input current	
● at rated input voltage 120 V	1.95 A
● at rated input voltage 230 V	0.97 A
current limitation of inrush current at 25 °C maximum	31 A
I2t value maximum	2.5 $A^2 \cdot s$
fuse protection type	internal
fuse protection type in the feeder	Recommended miniature circuit breaker: from 10 A characteristic B or from 6 A characteristic C
output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
● at output 1 at DC rated value	24 V
output voltage adjustable	Yes; via potentiometer
adjustable output voltage	22.2 ... 26.4 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
● on slow fluctuation of input voltage	0.1 %
● on slow fluctuation of ohm loading	0.1 %
residual ripple	
● maximum	200 mV
● typical	30 mV
voltage peak	
● maximum	300 mV
● typical	50 mV

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