SIEMENS

Data sheet

6EP3436-7SB00-3AX0



SITOP PSU6200/3AC/24VDC/20A

SITOP PSU6200 24 V/20 A stabilized power supply input: 400 - 500 V AC output: 24 V DC/20 A with diagnostics interface

Input	
type of the power supply network	3-phase AC or DC
supply voltage at AC	
 minimum rated value 	400 V
 maximum rated value 	500 V
 initial value 	323 V
• full-scale value	576 V
input voltage	
• at DC	450 600 V
operating condition of the mains buffering	at Vin = 400 V
buffering time for rated value of the output current in the event of power failure minimum	25 ms
operating condition of the mains buffering	at Vin = 400 V
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 63 Hz
input current	
 at rated input voltage 400 V 	0.77 A
 at rated input voltage 500 V 	0.62 A
current limitation of inrush current at 25 °C maximum	17 A
fuse protection type	
• in the feeder	three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)
Output	
voltage curve at output	Controlled, isolated DC voltage
number of outputs	1
output voltage at DC rated value	24 V
output voltage	
 at output 1 at DC rated value 	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
 on slow fluctuation of input voltage 	0.2 %
 on slow fluctuation of ohm loading 	0.1 %
residual ripple	
• maximum	30 mV
• typical	20 mV
voltage peak	
• maximum	30 mV
• typical	20 mV
adjustable output voltage	24 28 V

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type of certification CB-certificate Yes Certificate of suitability	ULhazloc approval	No
certificate of suitability	5	No
	51	Yes
• EAC approval Yes		
	EAC approval	Yes

 KC approval 	No
• C-Tick	No
Regulatory Compliance Mark (RCM)	No
certificate of suitability shipbuilding approval	Yes
shipbuilding approval	ABS; in process: DNV
Marine classification association	
American Bureau of Shipping Europe Ltd. (ABS)	Yes
• French marine classification society (BV)	No
• DNV GL	No
 Lloyds Register of Shipping (LRS) 	No
Nippon Kaiji Kyokai (NK)	No
EMC	
standard	
 for emitted interference 	EN 55022 Class B
 for mains harmonics limitation 	EN 61000-3-2
 for interference immunity 	EN 61000-6-2
environmental conditions	
ambient temperature	
during operation	-30 +70 °C; with natural convection a monotonically increasing start-up from -25 °C, safe start-up from -40 °C
 during transport 	-40 +85 °C
 during storage 	-40 +85 °C
environmental category according to IEC 60721	Climate class 3K3, 5 95% no condensation
Mechanics	
type of electrical connection	Push-in terminals
● at input	L1, L2, L3, PE: PushIn for 0.5 10 mm ²
 at output 	+1, +2, -1, -2, -3: PushIn for 0.5 6 mm ²
 for auxiliary contacts 	13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm ²
width of the enclosure	70 mm
height of the enclosure	135 mm
depth of the enclosure	155 mm
required spacing	
• top	45 mm
 bottom 	45 mm
• left	0 mm
● right	0 mm
net weight	1.5 kg
product feature of the enclosure housing can be lined up	Yes
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15
electrical accessories	Buffer module, redundancy module
mechanical accessories	Identification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

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