6EP3334-8SB00-0AY0

Data sheet



SITOP PSU8200/1AC/24VDC/10A

SITOP PSU8200 24 V/10 A stabilized power supply input: 120/230 V AC output: 24 V DC/10 A

eristic C (B); required at 2-phase operation: circuit breaker 2-pole ted or circuit breaker 3RV2011-1EA10 (setting 3.8 A) or 3RV2711-	
230 V 264 V 264 V 27	
264 V 265 A L20/230 V 267 A L2 268 A L2 269 A L2	
264 V 120/230 V 1z 3 Hz (not accessible) mended miniature circuit breaker at 1-phase operation: from 6 A (10 A) eristic C (B); required at 2-phase operation: circuit breaker 2-pole ted or circuit breaker 3RV2011-1EA10 (setting 3.8 A) or 3RV2711-	
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Recommended miniature circuit breaker at 1-phase operation: from 6 A (10 A) characteristic C (B); required at 2-phase operation: circuit breaker 2-pole connected or circuit breaker 3RV2011-1EA10 (setting 3.8 A) or 3RV2711-1ED10 (UL 489) at 230 V; 3RV2011-1DA10 (setting 3 A) or 3RV2711-1DD10 (UL 489) at 400/500 V	
led, isolated DC voltage	
Yes; via potentiometer	
24 28.8 V; max. 240 W	
,	
_ED for 24 V OK	
contact (NO contact, rating 60 V DC/ 0.3 A) for "24 V OK"	
Overshoot of Vout approx. 3 %	
oot of Vout approx 3 %	
- E	

voltage increase time of the output voltage	70	
• typical	70 ms	
output current	40.4	
• rated value	10 A	
rated range	0 10 A; +60 +70 °C: Derating 2%/K; as of Ua>24 V: 4% [la]/V [Ua]; at Ue<100 V/<200 V: 80% la rated	
cumplied active newer typical	240 W	
supplied active power typical short-term overload current	Z+0 VV	
at short-circuit during operation typical	30 A	
duration of overloading capability for excess current	WA .	
at short-circuit during operation	25 ms	
constant overload current		
on short-circuiting during the start-up typical	12 A	
bridging of equipment	Yes; switchable characteristic	
number of parallel-switched equipment resources for increasing	2	
the power		
efficiency		
efficiency in percent	94 %	
power loss [W]		
 at rated output voltage for rated value of the output current typical 	18 W	
during no-load operation maximum	1.5 W	
closed-loop control	1.5 W	
relative control precision of the output voltage with rapid	0.1 %	
fluctuation of the input voltage by +/- 15% typical	V.1 /V	
relative control precision of the output voltage load step of	4 %	
resistive load 50/100/50 % typical		
setting time		
• load step 50 to 100% typical	0.25 ms	
load step 100 to 50% typical	0.5 ms	
relative control precision of the output voltage at load step of resistive load 10/90/10 % typical	4 %	
setting time		
 load step 10 to 90% typical 	0.25 ms	
load step 90 to 10% typical	0.5 ms	
• maximum	1 ms	
protection and monitoring		
design of the overvoltage protection	< 33 V	
property of the output short-circuit proof	Yes	
design of short-circuit protection	Alternatively, constant current characteristic approx. 12 A or latching shutdown	
• typical	12 A	
overcurrent overload capability		
in normal operation	overload capability 150 % lout rated up to 5 s/min	
enduring short circuit current RMS value		
• typical	12 A	
display version for overload and short circuit	LED yellow for "overload", LED red for "latching shutdown"	
safety	Ves	
galvanic isolation between input and output	Yes	
galvanic isolation	Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178	
operating resource protection class	Class I	
leakage current	2.5 mA	
maximum typical	3.5 mA	
• typical	1 mA	
protection class IP standard	IP20	
• for emitted interference	EN 55022 Class B	
for emitted interrerence for mains harmonics limitation		
for interference immunity	EN 61000-3-2	
• for interference immunity standards, specifications, approvals	EN 61000-6-2	
certificate of suitability • CE marking	Yes	
UL approval	Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259; cCSAus	
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	(CSA C22.2 No. 60950-1, UL 60950-1)	
CSA approval	Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259; cCSAus (CSA C22.2 No. 60950-1, UL 60950-1)	
EAC approval	Yes	
 Regulatory Compliance Mark (RCM) 	Yes	
NEC Class 2	No	
• SEMI F47	Yes	
type of certification		
CB-certificate	Yes	
MTBF at 40 °C	1 292 102 h	
standards, specifications, approvals hazardous environments	1 202 102 11	
certificate of suitability	Na	
• IECEX	No	
• ATEX	No	
ULhazloc approval	No	
• cCSAus, Class 1, Division 2	No	
FM registration	No	
standards, specifications, approvals marine classification		
shipbuilding approval	Yes	
Marine classification association		
 American Bureau of Shipping Europe Ltd. (ABS) 	Yes	
 French marine classification society (BV) 	No	
 Det Norske Veritas (DNV) 	Yes	
 Lloyds Register of Shipping (LRS) 	No	
standards, specifications, approvals Environmental Product Dec	claration	
Environmental Product Declaration	Yes	
Global Warming Potential [CO2 eq]		
• total	579.4 kg	
during manufacturing	15.8 kg	
during operation	563.2 kg	
after end of life	0.23 kg	
ambient conditions		
ambient temperature		
during operation	-25 +70 °C; With natural convection; startup tested starting from -40 °C	
	nominal voltage	
during transport	-40 +85 °C	
during storage	-40 +85 °C	
environmental category according to IEC 60721	Climate class 3K3, 5 95% no condensation	
connection method		
type of electrical connection	screw terminal	
• at input	L, N, PE: 1 screw terminal each for 0.2 2.5 mm² single-core/finely stranded	
at output	+, -: 2 screw terminals each for 0.2 2.5 mm²	
for auxiliary contacts	13, 14 (alarm signal): 1 screw terminal each for 0.14 1.5 mm²; 15, 16	
,	(Remote): 1 screw terminal each for 0.14 1.5 mm²	
mechanical data		
width × height × depth of the enclosure	55 × 125	
installation width × mounting height	55 mm	
required spacing		
• top	50 mm	
• bottom	50 mm	
• left	0 mm	
• right	0 mm	
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15	
standard rail mounting	Yes	
Standard rail mounting S7 rail mounting	No	
wall mounting		
■ Wali Illoullulu	No	
·	Voc	
housing can be lined up	Yes	
housing can be lined up net weight	Yes 1 kg	
housing can be lined up net weight accessories	1 kg	
housing can be lined up net weight		

further information internet links

internet link

• to website: Industry Mall

• to web page: selection aid TIA Selection Tool

• to website: Industrial communication

• to website: CAx-Download-Manager

• to website: Industry Online Support

https://mall.industry.siemens.com

https://siemens.com/tst

http://www.siemens.com/simatic-net

http://www.siemens.com/cax

https://support.industry.siemens.com

additional information

other information

Specifications at rated input voltage and ambient temperature +25 $^{\circ}\text{C}$ (unless otherwise specified)

security information

security information

Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Classifications

	Version	Classification
eClass	14	27-04-07-01
eClass	12	27-04-07-01
eClass	9.1	27-04-07-01
eClass	9	27-04-07-01
eClass	8	27-04-90-02
eClass	7.1	27-04-90-02
eClass	6	27-04-90-02
ETIM	9	EC002540
ETIM	8	EC002540
ETIM	7	EC002540
IDEA	4	4130
UNSPSC	15	39-12-10-04
	eClass eClass eClass eClass eClass eClass eTIM ETIM ETIM IDEA	eClass 14 eClass 9.1 eClass 9.1 eClass 9 eClass 6 eClass 7.1 eClass 6 ETIM 9 ETIM 8 ETIM 7 IDEA 4

Approvals Certificates

General Product Approval







Manufacturer Declara-

Declaration of Conformity



General Product Approval

For use in hazardous locations

Marine / Shipping









CCC-Ex



Marine / Shipping

Environment





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