6EP3333-4SB00-3AX0

## **Data sheet**



## SIMATIC PM1207/1AC/DC24V/5A/UDI

SIMATIC S7-1200 power module PM 1207 24 V/5 A stabilized power supply input: 120 - 240 V AC/DC output: 24 V DC/5 A with UDI diagnostic interface

пірис		
type of the power supply network	1-phase AC or DC	
supply voltage at AC		
minimum rated value	120 V	
maximum rated value	240 V	
• initial value	85 V	
• full-scale value	264 V	
supply voltage at DC	120 240 V	
input voltage at DC	99 275 V	
wide range input	Yes	
overvoltage overload capability	300 V AC for 30 s	
buffering time for rated value of the output current in the event of power failure minimum	20 ms	
operating condition of the mains buffering	at Vin = 120/240 V	
line frequency	50/60 Hz	
line frequency	47 63 Hz	
input current		
at rated input voltage 120 V	1.9 A	
at rated input voltage 240 V	1.1 A	
current limitation of inrush current at 25 °C maximum	45 A	
12t value maximum	1.8 A <sup>2</sup> ·s	
fuse protection type	T 3,15 A/250 V (not accessible)	
fuse protection type in the feeder	Recommended miniature circuit breaker: 16 A characteristic B or 10 A characteristic C	
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	
output voltage adjustable	No	
relative overall tolerance of the voltage	1.5 %	
relative control precision of the output voltage		
on slow fluctuation of input voltage	0.1 %	
on slow fluctuation of ohm loading	0.2 %	
residual ripple		
maximum	30 mV	
• typical	20 mV	
voltage peak		
maximum	50 mV	

Seven LED for 24 V OK behavior of the output voltage when switching on voltage increase time of the output voltage + lypical  - hater value - state value -	• typical	35 mV	
Dehistor of the output voitage when switching on Cresporate delay maximum	• •		
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eviptor current  * rated value  * clated range  O 5 A; 6 A up to +45°C; +60 +70 °C; Denating 3%K  supplied active power typical  stort-term overload current  • on short-circuling during the start-up typical  • at short-circuling during the start-up typical  for provided active power typical  bridging of equipment  number of parallel-switched equipment resources for increasing  2  difficiency  efficiency  efficiency  efficiency  efficiency  efficiency in percent  8 %  power loss [W]  • at rated output voltage for rated value of the output  current typical  • a unit and not obed operation maximum  • unit provided operation maximum  • load step 10 to 90% typical		220 ms	
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• load step 90 to 10% typical • maximum 1 ms  • maximum 1 ms  protection and monitoring  design of the overvoltage protection	· ·	1 ms	
• maximum 1 ms  protection and monitoring  design of the overvoltage protection	•		
design of the overvoltage protection	*		
design of the overvoltage protection			

1505		
• IECEx	No	
ULhazloc approval	No	
standards, specifications, approvals marine classification		
shipbuilding approval	Yes	
Marine classification association		
<ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> </ul>	Yes	
<ul> <li>French marine classification society (BV)</li> </ul>	Yes	
Det Norske Veritas (DNV)	Yes; in preparation	
standards, specifications, approvals Environmental Product Dec	claration	
Environmental Product Declaration	Yes	
Global Warming Potential [CO2 eq]		
● total	419.2 kg	
during manufacturing	8.5 kg	
during operation	410.3 kg	
after end of life	0.31 kg	
ambient conditions		
ambient temperature		
during operation	-25 +70; with natural convection	
during transport	-40 +85	
during storage	-40 +85	
installation altitude at height above sea level maximum	6 000 m	
environmental category according to IEC 60721	Climate class 3K3, 5 95% no condensation	
connection method		
removable terminal at input	Yes	
removable terminal at output	Yes	
mechanical data		
width × height × depth of the enclosure	70 × 125 × 100 mm	
installation width × mounting height	70 mm × 175 mm	
required spacing		
• top	25 mm	
• bottom	25 mm	
• left	0 mm	
• right	0 mm	
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15, wall mounting	
standard rail mounting	Yes	
S7 rail mounting	No	
wall mounting	Yes	
housing can be lined up	Yes	
net weight	0.45 kg	
further information internet links	0.40 kg	
internet link		
	https://www.ii.and.com/com/com/com/com/com/com/com/com/com/	
to website: Industry Mall     to web page: calculation and TIA Soloction Tool	https://mail.industry.siemens.com	
to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud	
to web page: power supplies     to website: CAy Download Manager	https://siemens.com/sitop	
to website: CAx-Download-Manager     to website: CAx-Download-Manager	https://siemens.com/cax	
to website: Industry Online Support	https://support.industry.siemens.com	
identification link	Yes; acc. to IEC 61406-1:2022	
additional information		
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)	
security information		
security information	Siemens provides products and solutions with industrial cybersecurity functions	
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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

Approvals Certificates

General Product Approval

Marine / Shipping

Manufacturer Declaration



last modified:

12/23/2024