

Siemens 6EP1334-3BA00 Manual

Brand	Siemens
Product Series	Siemens
Product Type	/ S7 rail mounting Nee

Description

6EP1334-3BA00

SITOP PSU200M 10 A STABILIZED POWER SUPPLY

INPUT: 120/230-500 V AC OUTPUT: 24 V DC/10 A

Technical specifications

Input

Voedingsspanning / 1 / bij AC 120 ... 230 V

Supply voltage / 2 / with AC 230 ... 500 V

Input voltage / 1 / at AC 85 ... 264 V

Input voltage / 2 / at AC 176 ... 550 V

Wide-range input Ja

Mains buffering at lout rated, min. 25 ms

Netfrequentie 50 / 60 Hz

Rated line range 47 ... 63 Hz

Input current / at nominal level of the input voltage 120 V 4,4 A

Ingangsstroom / bij nominale waarde van de ingangsspanning 230 V 2,4 A

Input current / at nominal level of the input voltage 500 V 1,1 A

Switch-on current limiting (+25 °C), max. 35 A

I²t-waarde 4 A²·s

Output

Curvevorm van de spanning Geregelde, potentiaalvrije gelijkspanning

Uitgangsspanning 24 V

Total tolerance, static ± 3 %

Static mains compensation, approx. 0,1 %

Static load balancing, approx. 0,1 %

Residual ripple peak-peak, max. 50 mV

Spikes peak-peak, max. (bandwidth: 20 MHz) 200 mV

Adjustment range 24 ... 28,8 V

Product feature / output voltage adjustable Ja

Uitvoering van de weergave LED groen voor 24 V O.K.

Aanspreekvertragingstijd 1 s

Spanningsstijgingstijd 50 ms

Rated current value lout rated 10 A

Uitgangsstroom 0 ... 10 A

delivered active power / typ. 240 W

Constant overload current / in the event of a short circuit during startup /typical

12 A

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short-term overload current / at short-circuit during operation / typical 30 A

Duration of overloading ability for excess current / on short-circuiting
during the operational phase

25 ms

Producteigenschap Ja

Numbers of parallel switchable units for enhanced performance 2

Efficiency

Efficiency at Vout rated, Iout rated, approx. 87 %

Power loss at Vout rated, Iout rated, approx. 36 W

Closed-loop control

Dynamic mains compensation (Vin rated ± 15 %), max. 0,1 %

Dynamic load smoothing (Iout: 50/100/50 %), Uout $\pm$ typ. 3 %

Load step setting time 50 to 100%, typ. 2 ms

Load step setting time 100 to 50%, typ. 2 ms

Setting time / maximum 5 ms

Protection and monitoring

Current limitation, typ. 12 A

Eigenschap van de uitgang / kortsluitvast Ja

Enduring short circuit current / Effective level / typical 12 A

Safety

Potentiaalscheiding Ja

Potentiaalscheiding ZLBS-uitgangsspanning Ua volgens EN 60950-1 en EN 50178

stray current / maximum 3,5 mA

stray current / typical 0,32 mA

Geschiktheidsbewijs Ja

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CB approval Nee

Beschermingsklasse IP IP20

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EMC

Operating data

Ambient temperature / in operation -25 ... +70 °C

Ambient temperature / on transport -40 ... +85 °C

Ambient temperature / in storage -40 ... +85 °C

Mechanics

Uitvoering elektrische aansluiting schroefaansluiting

Breedte / van de behuizing 90 mm

Hoogte / van de behuizing 125 mm

Diepte / van de behuizing 125 mm

Inbouwbreedte 90 mm

Inbouwhoogte 225 mm

Nettogewicht 1,4 kg

Producteigenschap / van de behuizing / aaneenschakelbare
behuizing

Ja

Bevestigingswijze / wandmontage Nee

Bevestigingswijze / DIN-railmontage Ja

Mounting type / S7 rail mounting Nee

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