

Siemens 6EP1332-1SH52 Manual

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

Description

6EP1332-1SH52

LOGO!POWER 24 V/4 A STABILIZED POWER SUPPLY

INPUT: 100-240 V AC (110-300 V DC) OUTPUT: 24 V/4 A
DC

Technical specifications

Input

Supply voltage / at AC / nominal value min. 100 V

Supply voltage / at AC / nominal value max. 240 V

Supply voltage

at AC 85 ... 264 V

Input voltage / at DC 110 ... 300 V

Wide-range input Ja

Mains buffering at lout rated, min. 40 ms

Netfrequentie 50 / 60 Hz

Rated line range 47 ... 63 Hz

Input current / at nominal level of the input voltage 120 V 1,95 A

Ingangsstroom / bij nominale waarde van de ingangsspanning 230 V 0,97 A

Switch-on current limiting (+25 °C), max. 30 A

I_{2t}-waarde 2,5 A²·s

Output

Curvevorm van de spanning Geregelde, potentiaalvrije gelijkspanning

Uitgangsspanning 24 V

Total tolerance, static $\pm 3 \%$

Static mains compensation, approx. 0,1 %

Static load balancing, approx. 1,5 %

Residual ripple peak-peak, max. 200 mV

Residual ripple peak-peak, typ. 30 mV

Spikes peak-peak, max. (bandwidth: 20 MHz) 300 mV

Spikes peak-peak, typ. (bandwidth: 20 MHz) 60 mV

Adjustment range 22,2 ... 26,4 V

Product feature / output voltage adjustable Ja

Aanspreekvertragingstijd 0,5 s

Spanningsstijgingstijd 15 ms

Rated current value lout rated 4 A

Uitgangsstroom 0 ... 4 A

delivered active power / typ. 96 W

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Producteigenschap Ja

Numbers of parallel switchable units for enhanced performance 2

Efficiency

Efficiency at Vout rated, Iout rated, approx. 89 %

Power loss at Vout rated, Iout rated, approx. 12 W

Effective power loss / at idle / maximum 2 W

Closed-loop control

Dynamic mains compensation (Vin rated ± 15 %), max. 0,2 %

Dynamic load smoothing (Iout: 10/90/10 %), Uout $\pm$ typ. 1,5 %

Load step setting time 10 to 90%, typ. 1 ms

Load step setting time 90 to 10%, typ. 1 ms

Protection and monitoring

Current limitation, typ. 5,2 A

Eigenschap van de uitgang / kortsluitvast Ja

Enduring short circuit current / Effective level / maximum 7,9 A

Safety

Potentiaalscheiding Ja

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

Geschiktheidsbewijs Ja

Geschiktheidsbewijs Ja

CB approval Ja

Beschermingsklasse IP IP20

EMC

Operating data

Ambient temperature / in operation -20 ... +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 90 mm

Diepte / van de behuizing 52,6 mm

Inbouwbreedte 90 mm

Inbouwhoogte 130 mm

Nettogewicht 0,34 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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