MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6EP1332-1SH43

LOGO!POWER 24 V 2.5 A POWER SUPPLY

Used with the applicable LOGO!Power configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official documentation applicable to 6EP1332-1SH43

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productdatablad **6EP1332-1SH43**

LOGO!POWER 24 V/2.5 A STABILIZED POWER SUPPLY INPUT: 100-240 V AC (110-300 V DC) OUTPUT: 24 V/2.5 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 Iout 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	1,22 A
Ingangsstroom / bij nominale waarde van de ingangsspanning 230 V	0,66 A
Switch-on current limiting (+25 °C), max.	46 A
I2t-waarde	3 $A^2 \cdot s$
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.	1,5 %

subject to modifications
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Residual ripple peak-peak, max.	200 mV
Residual ripple peak-peak, typ.	10 mV
Spikes peak-peak, max. (bandwidth: 20 MHz)	300 mV
Spikes peak-peak, typ. (bandwidth: 20 MHz)	50 mV
Adjustment range	22,2 … 26,4 V
Product feature / output voltage adjustable	Ja
Aanspreekvertragingstijd	0,5 s
Spanningsstijgingstijd	10 ms
Rated current value Iout rated	2,5 A
Uitgangsstroom	0 … 2,5 A
delivered active power / typ.	60 W
Producteigenschap	Ja
Numbers of parallel switchable units for enhanced performance	2
Efficiency	
Efficiency at Vout rated, Iout rated, approx.	88 %
Power loss at Vout rated, Iout rated, approx.	8 W
Effective power loss / at idle / maximum	1,8 W
Closed-loop control	
Dynamic mains compensation (Vin rated ±15 %), max.	0,2 %
Dynamic load smoothing (Iout: 10/90/10 %), Uout ± typ.	2 %
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.	3,3 A
Eigenschap van de uitgang / kortsluitvast	Ja
Enduring short circuit current / Effective level / maximum	4,8 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	

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Uitvoering elektrische aansluiting	schroefaansluiting
Breedte / van de behuizing	72 mm
Hoogte / van de behuizing	90 mm
Diepte / van de behuizing	52,6 mm
Inbouwbreedte	72 mm
Inbouwhoogte	130 mm
Nettogewicht	0,25 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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