

SITOP Power Supplies

SIEMENS

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Portfolio overview SITOP Power Supplies

Advanced		Standard		Basic		SIMATIC design	DC/DC converter	Special designs
SITOP PSU8600 The power supply system with TIA integration and open communication up to the Cloud	SITOP PSU8200 The technology power supply for demanding solutions	SITOP PSU6200 The all-around power supply for a wide range of applications	SITOP smart The high-performance power supply	SITOP lite The cost-effective basic power supply	LOGO!Power The flat power supply for distribution boards	SITOP in SIMATIC design The optimal power supply for SIMATIC S7 and more	SITOP DC/DC converter Stable supply despite fluctuating DC voltage	Special designs Equipped for special tasks and conditions

... individual extendable to all-round protection

SITOP Redundancy modules



SITOP Selectivity modules



SITOP Buffer module



SITOP DC UPS with capacitors



with battery modules



Failure of a power supply

Overload in 24 V circuit

Up to seconds

Power failure on the input side

Up to minutes

Up to hours

SITOP smart The powerful standard power supply



SITOP Lib for PCS 7



Technology overview

Input	100 – 230 V AC (85 ... 264 V AC) 400 – 500 V 3 AC (340...550 V)
Output	24 V DC/0.6 A; 1.3 A; 2.5 A; 4 A and 3.7 A with NEC Class 2 12 V DC/2 A; 6.5 A 3 AC: DC 24 V/5, 10, 20, 40 A
Efficiency	Approx. 85 ... 91 %
No-load loss	0.5 ... 0.75 W
Status signaling	LED for »Output voltage OK«
Temperature range	-25 ... +70 ° C
Certifications	

- Universal use on a global scale due to extensive input voltage range with automatic switchover and comprehensive certification package with UL, GL, ATEX or IECEx
- Minimal space requirements on the DIN rail due to slim design and installation without lateral clearances
- Integrated »Output voltage OK« signaling contact for reliable monitoring of the 24 V
- Increased 24 V availability through expansion with selective output monitoring and buffering of network failures
- With 24 V: additional power reserve through continuous output power of 120% up to 45 °C
- 150% extra power for 5 s/min for brief operating overload



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SITOP smart – Powerful standard power supply						
	12 V DC/7 A, PSU100S	120/230 V AC (85 ... 132/170 ... 264 V AC)	50 x 125 x 120	6EP1322-2BA00	<ul style="list-style-type: none"> • Space-saving, slim design • PSU100S with automatic range switch over 120/230 V AC • Extra-Power ($1.5 \times I_{\text{rated}}$ for 5 s) for brief operational overload • Permanent overload capacity ($1.2 \times I_{\text{rated}}$) to 45 °C ambient temperature (24 V devices) • Green LED and signaling contact „Output voltage OK“ • Adjustable output voltage up to 28.0 V DC or 15.5 V DC (12 V devices) • Expandable with, redundancy module, selectivity/ diagnostics module, buffer module and DC UPS 	
	12 V DC/14 A, PSU100S		70 x 125 x 120	6EP1323-2BA00		
	24 V DC/2.5 A, PSU100S		32,5 x 125 x 120	6EP1332-2BA20		
	24 V DC/5 A, PSU100S		50 x 125 x 120	6EP1333-2BA20		
	24 V DC/10 A, PSU100S		70 x 125 x 120	6EP1334-2BA20		
	24 V DC/20 A, PSU100S		115 x 145 x 150	6EP1336-2BA10		
	24 V DC/5 A, PSU300S	400 – 500 V 3 AC (340 ... 550 V 3 AC)	50 x 125 x 120	6EP1433-2BA20		
	24 V DC/10 A, PSU300S		70 x 125 x 120	6EP1434-2BA20		
	24 V DC/20 A, PSU300S		90 x 145 x 150	6EP1436-2BA10		
	24 V DC/40 A, PSU300S		150 x 145 x 150	6EP1437-2BA20		

The powerful standard power supply for 1- and 3-phase networks

SITOP smart is the optimal power supply for many 24-V and 12-V applications, featuring compact design, powerful performance, and low price. Despite its compact size, it offers outstanding overload characteristics thanks to the extra power feature that provides 1.5 times the rated current for five seconds: Even large loads can be easily switched on. And with a rated capacity of 120 percent, these slim power supplies are among the most reliable of their kind.



SITOP smart 1-phase, DC 12 V



SITOP smart 1-phase, DC 24 V



SITOP smart 3-phase, DC 24 V

The 1-phase and 3-phase SITOP smart are the universal and powerful standard power supplies for machinery and plant engineering with 24 V or 12 V electronics.

A high standard for optimal power ...

With SITOP smart, even loads with high power demand can be connected without difficulty, thanks to its overload capability of 150 percent “Extra Power.” The 24 V power supplies can continuously manage 120 percent of the rated power.

Thanks to their slim design and seamless installation next to laterally mounting devices, the power supplies take up hardly any space on the DIN rail. The high degree of efficiency ensures low energy consumption as well as minimal heat generation and heat loss in the control cabinet. The flexible input voltage range allows problem-free connection to 1- and 3-phase networks around the world.





SITOP PSU100S/1AC/12VDC/7A

SITOP PSU100S 12 V/7 A stabilized power supply input: 120/230 V AC
output: 12 V DC/7 A *Ex approval no longer available*

Input	
type of the power supply network	1-phase AC
supply voltage at AC	Automatic range selection
<ul style="list-style-type: none"> initial value 	
supply voltage	120 V 230 V
<ul style="list-style-type: none"> 1 at AC rated value 2 at AC rated value 	
input voltage	85 ... 132 V 170 ... 264 V
<ul style="list-style-type: none"> 1 at AC 2 at AC 	
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in}$ rated, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
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 $V_{in} = 93/187$ V
line frequency	50 Hz 60 Hz
<ul style="list-style-type: none"> 1 rated value 2 rated value 	
line frequency	47 ... 63 Hz
input current	1.73 A 0.99 A
<ul style="list-style-type: none"> at rated input voltage 120 V at rated input voltage 230 V 	
current limitation of inrush current at 25 °C maximum	45 A
fuse protection type	T 3,15 A/250 V (not accessible)
<ul style="list-style-type: none"> in the feeder 	Recommended miniature circuit breaker: from 6 A characteristic C
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	12 V
output voltage	12 V
<ul style="list-style-type: none"> at output 1 at DC rated value 	
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	0.1 % 1 %
<ul style="list-style-type: none"> on slow fluctuation of input voltage on slow fluctuation of ohm loading 	
residual ripple	150 mV 20 mV
<ul style="list-style-type: none"> maximum typical 	
voltage peak	240 mV
<ul style="list-style-type: none"> maximum 	



SITOP PSU100S/1AC/12VDC/14A

SITOP PSU100S 12 V/14 A stabilized power supply input: 120/230 V AC
output: 12 V DC/14 A *Ex approval no longer available*

Input	
type of the power supply network	1-phase AC
supply voltage at AC	
• initial value	Automatic range selection
supply voltage	
• 1 at AC rated value	120 V
• 2 at AC rated value	230 V
input voltage	
• 1 at AC	85 ... 132 V
• 2 at AC	170 ... 264 V
design of input wide range input	No
overvoltage overload capability	2.3 × Vin rated, 1.3 ms
operating condition of the mains buffering	at Vin = 93/187 V
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 = 93/187 V
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 ... 63 Hz
input current	
• at rated input voltage 120 V	3.24 A
• at rated input voltage 230 V	1.41 A
current limitation of inrush current at 25 °C maximum	60 A
fuse protection type	T 6.3 A/250 V (not accessible)
• in the feeder	Recommended miniature circuit breaker: from 10 A characteristic C
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	12 V
output voltage	
• at output 1 at DC rated value	12 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
• on slow fluctuation of input voltage	0.1 %
• on slow fluctuation of ohm loading	1 %
residual ripple	
• maximum	150 mV
• typical	20 mV
voltage peak	
• maximum	240 mV



SITOP PSU100S/1AC/24VDC/2.5A

SITOP PSU100S 24 V/2.5 A stabilized power supply input: 120/230 V AC
output: 24 V DC/2.5 A *Ex approval no longer available*

Input	
type of the power supply network	1-phase AC
supply voltage at AC	Automatic range selection
<ul style="list-style-type: none"> initial value 	
supply voltage	120 V 230 V
<ul style="list-style-type: none"> 1 at AC rated value 2 at AC rated value 	
input voltage	85 ... 132 V 170 ... 264 V
<ul style="list-style-type: none"> 1 at AC 2 at AC 	
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in}$ rated, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
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 $V_{in} = 93/187$ V
line frequency	50 Hz 60 Hz
<ul style="list-style-type: none"> 1 rated value 2 rated value 	
line frequency	47 ... 63 Hz
input current	1.25 A 0.74 A
<ul style="list-style-type: none"> at rated input voltage 120 V at rated input voltage 230 V 	
current limitation of inrush current at 25 °C maximum	33 A
I ² t value maximum	0.4 A ² ·s
fuse protection type	T 3,15 A/250 V (not accessible)
<ul style="list-style-type: none"> in the feeder 	Recommended miniature circuit breaker: from 3 A characteristic C
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	24 V
<ul style="list-style-type: none"> at output 1 at DC rated value 	
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	0.1 % 1 %
<ul style="list-style-type: none"> on slow fluctuation of input voltage on slow fluctuation of ohm loading 	
residual ripple	150 mV 30 mV
<ul style="list-style-type: none"> maximum typical 	
voltage peak	



SITOP PSU100S/1AC/24VDC/5A

SITOP PSU100S 24 V/5 A Stabilized power supply input: 120/230 V AC, output: 24 V DC/5 A *Ex approval no longer available*

Input	
type of the power supply network	1-phase AC
supply voltage at AC	Automatic range selection
<ul style="list-style-type: none"> initial value 	
supply voltage	120 V 230 V
<ul style="list-style-type: none"> 1 at AC rated value 2 at AC rated value 	
input voltage	85 ... 132 V 170 ... 264 V
<ul style="list-style-type: none"> 1 at AC 2 at AC 	
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in}$ rated, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
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 $V_{in} = 93/187$ V
line frequency	50 Hz 60 Hz
<ul style="list-style-type: none"> 1 rated value 2 rated value 	
line frequency	47 ... 63 Hz
input current	2.34 A 1.36 A
<ul style="list-style-type: none"> at rated input voltage 120 V at rated input voltage 230 V 	
current limitation of inrush current at 25 °C maximum	40 A
I ² t value maximum	1 A ² ·s
fuse protection type	T 3,15 A/250 V (not accessible)
<ul style="list-style-type: none"> in the feeder 	Recommended miniature circuit breaker: from 6 A characteristic C
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	24 V
<ul style="list-style-type: none"> at output 1 at DC rated value 	
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	0.1 % 1 %
<ul style="list-style-type: none"> on slow fluctuation of input voltage on slow fluctuation of ohm loading 	
residual ripple	150 mV 30 mV
<ul style="list-style-type: none"> maximum typical 	
voltage peak	



SITOP PSU100S/1AC/24VDC/10A

SITOP PSU100S 24 V/10 A Stabilized power supply input: 120/230 V AC, output: DC 24 V/10 A *Ex approval no longer available*

Input	
type of the power supply network	1-phase AC
supply voltage at AC	
• initial value	Automatic range selection
supply voltage	
• 1 at AC rated value	120 V
• 2 at AC rated value	230 V
input voltage	
• 1 at AC	85 ... 132 V
• 2 at AC	170 ... 264 V
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in \text{ rated}}$, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187 \text{ V}$
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 $V_{in} = 93/187 \text{ V}$
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 ... 63 Hz
input current	
• at rated input voltage 120 V	4.49 A
• at rated input voltage 230 V	1.91 A
current limitation of inrush current at 25 °C maximum	60 A
I ² t value maximum	5.6 A ² ·s
fuse protection type	T 6.3 A/250 V (not accessible)
• in the feeder	Recommended miniature circuit breaker: from 10 A characteristic C
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
• at output 1 at DC rated value	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
• on slow fluctuation of input voltage	0.1 %
• on slow fluctuation of ohm loading	1 %
residual ripple	
• maximum	150 mV
• typical	20 mV
voltage peak	



SITOP PSU100S/1AC/24VDC/20A

SITOP PSU100S 20 A stabilized power supply input: 120/230 V AC output: 24 V DC/20 A *Ex approval no longer available*

Input	
type of the power supply network	1-phase AC
supply voltage at AC	
• initial value	Automatic range selection
supply voltage	
• 1 at AC rated value	120 V
• 2 at AC rated value	230 V
input voltage	
• 1 at AC	85 ... 132 V
• 2 at AC	176 ... 264 V
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in}$ rated, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 120/230$ V
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 $V_{in} = 120/230$ V
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 ... 63 Hz
input current	
• at rated input voltage 120 V	7.5 A
• at rated input voltage 230 V	3.5 A
current limitation of inrush current at 25 °C maximum	11 A
I ² t value maximum	10 A ² ·s
fuse protection type	T 10 A (not accessible)
• in the feeder	Recommended miniature circuit breaker: from 10 A characteristic C or circuit-breaker 3RV2411-1JA10 (120 V) or 3RV2411-1FA10 (230 V)
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
• at output 1 at DC rated value	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
• on slow fluctuation of input voltage	0.5 %
• on slow fluctuation of ohm loading	1 %
residual ripple	
• maximum	150 mV
voltage peak	



SITOP PSU300S/3AC/24VDC/5A

SITOP PSU300S 24 V/5 A Stabilized power supply input: 400-500 V 3 AC
output: 24 V DC/5 A *Ex approval no longer available*

Input	
type of the power supply network	3-phase AC
supply voltage at AC	
<ul style="list-style-type: none"> • minimum rated value 	400 V
<ul style="list-style-type: none"> • maximum rated value 	500 V
<ul style="list-style-type: none"> • initial value 	340 V
<ul style="list-style-type: none"> • full-scale value 	550 V
design of input wide range input	Yes
operating condition of the mains buffering	at $V_{in} = 400 \text{ V}$
buffering time for rated value of the output current in the event of power failure minimum	18 ms
operating condition of the mains buffering	at $V_{in} = 400 \text{ V}$
line frequency	
<ul style="list-style-type: none"> • 1 rated value 	50 Hz
<ul style="list-style-type: none"> • 2 rated value 	60 Hz
line frequency	47 ... 63 Hz
input current	
<ul style="list-style-type: none"> • at rated input voltage 400 V 	0.45 A
<ul style="list-style-type: none"> • at rated input voltage 500 V 	0.4 A
current limitation of inrush current at 25 °C maximum	20 A
I ² t value maximum	0.5 A ² ·s
fuse protection type	none
<ul style="list-style-type: none"> • in the feeder 	Required: 3-pole connected miniature circuit breaker 3 ... 16 A characteristic C or circuit breaker 3RV2011-1DA10 (setting 3 A) or 3RV2711-1DD10 (UL 489-listed, DIVQ)
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
<ul style="list-style-type: none"> • at output 1 at DC rated value 	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
<ul style="list-style-type: none"> • on slow fluctuation of input voltage 	0.1 %
<ul style="list-style-type: none"> • on slow fluctuation of ohm loading 	0.1 %
residual ripple	
<ul style="list-style-type: none"> • maximum 	200 mV
voltage peak	
<ul style="list-style-type: none"> • maximum 	240 mV
adjustable output voltage	24 ... 28 V
product function output voltage adjustable	Yes



SITOP PSU300S/3AC/24VDC/10A

SITOP PSU300S 24 V/10 A Stabilized power supply input: 400-500 V 3 AC
output: 24 V DC/ 10 A *Ex approval no longer available*

Input	
type of the power supply network	3-phase AC
supply voltage at AC	
<ul style="list-style-type: none"> ● minimum rated value ● maximum rated value ● initial value ● full-scale value 	400 V 500 V 340 V 550 V
design of input wide range input	Yes
operating condition of the mains buffering	at $V_{in} = 400\text{ V}$
buffering time for rated value of the output current in the event of power failure minimum	7 ms
operating condition of the mains buffering	at $V_{in} = 400\text{ V}$
line frequency	
<ul style="list-style-type: none"> ● 1 rated value ● 2 rated value 	50 Hz 60 Hz
line frequency	47 ... 63 Hz
input current	
<ul style="list-style-type: none"> ● at rated input voltage 400 V ● at rated input voltage 500 V 	0.7 A 0.6 A
current limitation of inrush current at 25 °C maximum	20 A
I ² t value maximum	0.5 A ² ·s
fuse protection type	none
<ul style="list-style-type: none"> ● in the feeder 	Required: 3-pole connected miniature circuit breaker 3 ... 16 A characteristic C or circuit breaker 3RV2011-1DA10 (setting 3 A) or 3RV2711-1DD10 (UL 489-listed, DIVQ)
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
<ul style="list-style-type: none"> ● at output 1 at DC rated value 	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
<ul style="list-style-type: none"> ● on slow fluctuation of input voltage ● on slow fluctuation of ohm loading 	0.1 % 0.15 %
residual ripple	
<ul style="list-style-type: none"> ● maximum 	200 mV
voltage peak	
<ul style="list-style-type: none"> ● maximum 	240 mV
adjustable output voltage	24 ... 28 V
product function output voltage adjustable	Yes



SITOP PSU300S/3AC/24VDC/20A

SITOP PSU300S 20 A stabilized power supply input: 400-500 V 3 AC
output: 24 V DC/20 A ***Ex approval no longer available***

Input	
type of the power supply network	3-phase AC
supply voltage at AC	
• minimum rated value	400 V
• maximum rated value	500 V
• initial value	340 V
• full-scale value	550 V
design of input wide range input	Yes
operating condition of the mains buffering	at $V_{in} = 400\text{ V}$
buffering time for rated value of the output current in the event of power failure minimum	6 ms
operating condition of the mains buffering	at $V_{in} = 400\text{ V}$
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 ... 63 Hz
input current	
• at rated input voltage 400 V	1.2 A
• at rated input voltage 500 V	1 A
current limitation of inrush current at 25 °C maximum	36 A
I ² t value maximum	0.9 A ² ·s
fuse protection type	none
• in the feeder	Required: 3-pole connected miniature circuit breaker 6 ... 16 A characteristic C or circuit breaker 3RV2011-1DA10 (setting 3 A) or 3RV2711-1DD10 (UL 489-listed, DIVQ)
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
• at output 1 at DC rated value	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
• on slow fluctuation of input voltage	0.5 %
• on slow fluctuation of ohm loading	1 %
residual ripple	
• maximum	150 mV
voltage peak	
• maximum	240 mV
adjustable output voltage	24 ... 28 V
product function output voltage adjustable	Yes



SITOP PSU300S/3AC/24VDC/40A

SITOP PSU300S 40 A stabilized power supply input: 400-500 V 3 AC
output: 24 V DC/40 A *Ex approval no longer available*

Input	
type of the power supply network	3-phase AC
supply voltage at AC	
<ul style="list-style-type: none"> • minimum rated value • maximum rated value • initial value • full-scale value 	400 V 500 V 340 V 550 V
design of input wide range input	Yes
operating condition of the mains buffering	at $V_{in} = 400\text{ V}$
buffering time for rated value of the output current in the event of power failure minimum	6 ms
operating condition of the mains buffering	at $V_{in} = 400\text{ V}$
line frequency	
<ul style="list-style-type: none"> • 1 rated value • 2 rated value 	50 Hz 60 Hz
line frequency	47 ... 63 Hz
input current	
<ul style="list-style-type: none"> • at rated input voltage 400 V • at rated input voltage 500 V 	2 A 1.7 A
current limitation of inrush current at 25 °C maximum	60 A
I ² t value maximum	3.4 A ² ·s
fuse protection type	none
<ul style="list-style-type: none"> • in the feeder 	Required: 3-pole connected miniature circuit breaker 10 ... 16 A characteristic C or circuit breaker 3RV2011-1DA10 (setting 3 A) or 3RV2711-1DD10 (UL 489-listed, DIVQ)
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
<ul style="list-style-type: none"> • at output 1 at DC rated value 	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
<ul style="list-style-type: none"> • on slow fluctuation of input voltage • on slow fluctuation of ohm loading 	1 % 2 %
residual ripple	
<ul style="list-style-type: none"> • maximum 	150 mV
voltage peak	
<ul style="list-style-type: none"> • maximum 	240 mV
adjustable output voltage	24 ... 28 V
product function output voltage adjustable	Yes

SITOP lite

The low-cost basic power supply



Technology overview

Input	120/230 V AC (85 ... 132/170 ... 264 V AC) 20 A: 120 – 230 V AC (85 ... 264 V AC/88 ... 370 V DC)
Output	24 V DC/2.5 A; 5 A; 10 A; 20 A
Output adjustment range	22.8 ... 26.4 V DC
Efficiency	Approx. 85 ... 92%
Status signaling	Green LED »24 V OK«
Temperature range	0 ... +60 ° C (derating >45 ° C) 20 A: -25 ... +70 ° C
Certifications	

- Wide range input AC with manual switchover; 20 A version even features automatic switchover and DC compatibility
- Minimal installation width with no lateral clearance requirement to neighboring devices
- Green LED for »24 V OK«
- Parallel connection option for enhanced performance
- Provides all important functions at a favorable price – without compromising on quality or reliability



LOGO!Power

The flat power supply for distribution boards



Technology overview

Input	AC 100 – 240 V (AC 85 ... 264 V/DC 110 ... 300 V)
Output	DC 5 V/3 A; 6,3 A, DC 12 V/0,9 A; 1,9 A; 4,5 A, DC 15 V/1,9 A; 4 A, DC 24 V/0,6 A; 1,3 A; 2,5 A; 4 A
Efficiency	81 ... 90% (24 V)
No-load loss	<0.3 W
Status signaling	LED for »Output voltage OK«
Temperature range	-25 ... +70 ° C
Certifications	
(Partial) certifications	

- Minimal width up to 18 mm
- High energy efficiency: <0.3 W power loss in standby, efficiency over entire load range up to 90%
- For global use, operating temperature from -25 °C to +70 °C and international certificates
- Power reserve for reliable operation during start-up, as well as constant current in the event of overload
- Current monitor for real-time measurement of output current
- Flexible mounting options for standard DIN rail or wall mounting
- Extensive portfolio up to 11 devices with 5 V/12 V/15 V and 24 V DC up to 100 W

