MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6EP1334-2AA01

SITOP SMART 240 W POWER SUPPLY

Used with the applicable SITOP smart configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens technical documentation for 6EP1334-2AA01

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Data sheet 6EP1334-2AA01

SITOP SMART/1AC/24VDC/10A

********* spare part ********** SITOP smart 240 W stabilized power supply input: 120/230 V AC output: 24 V / 10 A DC

input	
type of the power supply network	1-phase AC
supply voltage at AC	Set by means of selector switch on the device
supply voltage	120 V/230 V
input voltage 1 at AC	85 ... 132 V
input voltage 2 at AC	170 ... 264 V
wide range input	No
overvoltage overload capability	2.3 × Vin rated, 1.3 ms
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	50/60 Hz
line frequency initial value	47 ... 63 Hz
line frequency full-scale value	
input current	
● at rated input voltage 120 V	4.1 A
● at rated input voltage 230 V	2.4 A
current limitation of inrush current at 25 °C maximum	65 A
duration of inrush current limiting at 25 °C	
● typical	3 ms
I2t value maximum	3.3 A²·s
fuse protection type	T 6.3 A/250 V (not accessible)
fuse protection type 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
output voltage adjustable	Yes; via potentiometer
adjustable output voltage initial value	22.8 V
adjustable output voltage full-scale value	28 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	0.5 %
residual ripple	
● maximum	150 mV
● typical	50 mV
voltage peak	
● maximum	240 mV
● typical	150 mV
display version for normal operation	Green LED for 24 V OK
behavior of the output voltage when switching on	Overshoot of Vout approx. 4 %
response delay maximum	0.1 s
voltage increase time of the output voltage	
● typical	50 ms
output current	
● rated value	10 A
● rated range	0 ... 12 A; 12 A up to +45 °C
supplied active power typical	288 W

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