



PSN130S 3A AC120V/230V IP20,
POWER SUPPLY 30 V, FOR AS-INTERFACE,
WITHOUT AS-I DATA DECOUPLING,
IN: AC 120V/230V, OUT: DC 30V, 3A,
IP20, WITH INTEGR. OVERLOAD DETECTION,
WITH SIGNALLING CONTACT

General technical data:

Type of device		30 V power supply unit IP 20
version		single output
input voltage / nominal value / AC		
• range 1	V	120
• range 2	V	230
Additional function		Signal contact

Inputs:

input		single phase AC
• voltage range		
• voltage range 1 / AC	V	85 ... 132
• voltage range 2 / AC	V	170 ... 264
• Mains buffering time / at I _a rated / min		20
• line frequency		50/60 Hz
• Mains frequency range	Hz	47 ... 63
• range changeover / using		Automatic range switchover
• input voltage / built-in		T 3.15 (not accessible)
• recommended circuit breaker / (IEC 898) / in the main supply line		6 A, characteristic C
Connections / input		Screw connection (0.5 ... 2.5 mm ²)

Outputs:**output**

- DC-voltage / controlled floating / according to AS-Interface specification
- voltage rated value / U_a rated / DC
- tolerance / total
 - DC
- rated current / I_a rated
- residual ripple / peak-to-peak / (0-10 kHz, AS-i+/AS-i-) / max
- spikes / peak-to-peak / (10-500 kHz, AS-i+/AS-i-) / max

	yes
	30 V
V	29.5 ... 31.6
	3.0 A
mV	150
mV	150

Connections / OutputScrew connection (0.5 ... 2.5 mm²)**Efficiency / heat loss:****Efficiency / at U_a rated, I_a rated**

%	87
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Protective and monitoring functions**Output overvoltage protection**

yes (< 37V)

Current limitation / from min.

4.0 A

Short-circuit protection

yes

Safety:**protection class / (EN 60 950/IEC 950)**

I

Electrical isolation / primary/secondary

SELV according to EN 60 950 and EN 50 178

Protection class IP

IP20

EMC:**electromagnetic compatibility (EMC)**

- interference immunity
- emitted interference

EN 61 000-6-2, EN 61 000-4-2/-3/-4/-5/-11
class B according to EN 55 022, IEC 61 000-6-3

Ambient conditions:**Ambient temperature**

- during operating
- during storage

°C	-20 ... +70
°C	-40 ... +85

humidity rating

climatic class DIN 50010, relative humidity max. 100% without condensation

Mounting type

fixing on standard mounting rail DIN EN 59 022-35 x 7.5 mm snap-on

Width

mm	50
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Height

mm	125
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Depth

mm	125
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Certificates/approvals:

General Product Approval

Declaration of Conformity



Shipping Approval

other



[Environmental Confirmations](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator:

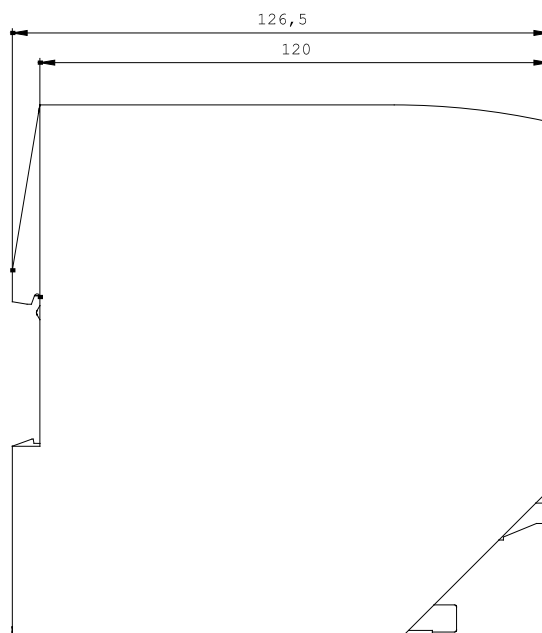
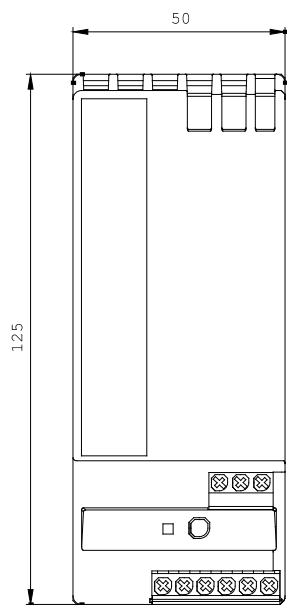
<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RX9511-0AA00/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RX9511-0AA00



last change:

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