

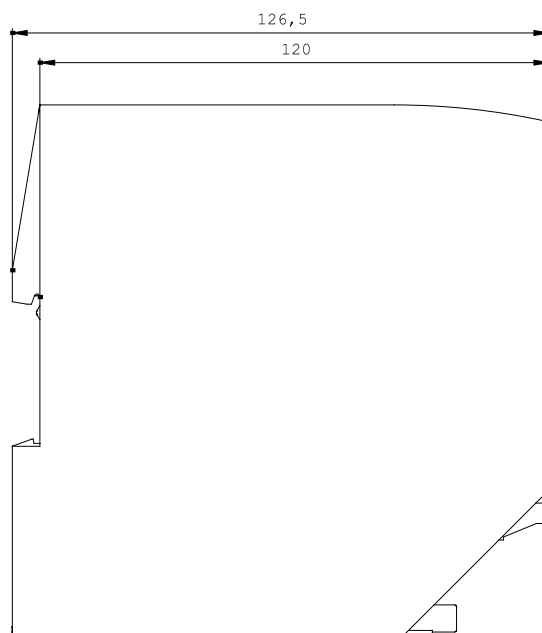
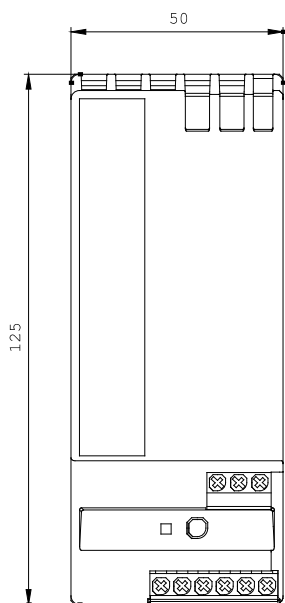


PSN130S 4A AC120V/230V IP20,
POWER SUPPLY 30 V, FOR AS-INTERFACE,
WITHOUT AS-I DATA DECOUPLING,
IN: AC 120V/230V, OUT: DC 30V, 4A,
IP20, WITH INTEGR. OVERLOAD DETECTION,
WITH SIGNALLING CONTACT

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 mm²)

Outputs:		
output		
• DC-voltage / controlled floating / according to AS-Interface specification		yes
• voltage rated value / U _a rated / DC		30 V
• tolerance / total		
• DC	V	29.5 ... 31.6
• rated current / I _a rated		4.0 A
• residual ripple / peak-to-peak / (0-10 kHz, AS-i+/AS-i-) / max	mV	150
• spikes / peak-to-peak / (10-500 kHz, AS-i+/AS-i-) / max	mV	150
Connections / Output		Screw connection (0.5 ... 2.5 mm ²)
Efficiency / heat loss:		
Efficiency / at U_a rated, I_a rated	%	88
Protective and monitoring functions		
Output overvoltage protection		yes (< 37V)
Current limitation / from min.		5.5 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		EN 61 000-6-2, EN 61 000-4-2/-3/-4/-5/-11
• emitted interference		class B according to EN 55 022, IEC 61 000-6-3
Ambient conditions:		
Ambient temperature		
• during operating	°C	-20 ... +70
• during storage	°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
Height	mm	125
Depth	mm	125
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/3RX9512-0AA00/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RX9512-0AA00**last change:**

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