



PSN130S 3 A 120 V/230 V AC IP20 Power supply unit 30 V, for AS-i without AS-i data decoupling IN: 120 V / 230 V AC OUT: 30 V DC, 3 A, IP20 with integrated Overload detection with signaling contact

General technical data		
Type of device		30 V power supply unit IP 20
version		single output
Additional function		Signal contact
input voltage nominal value AC		
• range 1	V	120
• range 2	V	230
Inputs		
input recommended circuit breaker (IEC 898) in the main supply line		6 A, characteristic C
input voltage range		
• voltage range 1 AC	V	85 ... 132
• voltage range 2 AC	V	170 ... 264
input		
• Mains buffering time at I _a rated min		20 ms
• 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)
Connections input		Screw connection (0.5 ... 2.5 mm ²)
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		3.0 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	%	87
Protective and monitoring functions		
Output overvoltage protection		yes (< 37V)
Current limitation from min.		4.0 A
Short-circuit protection		yes
Safety related data		
protection class (EN 60 950/IEC 950)		I
Electrical isolation primary/secondary		ES1 according EN 62368-1 (for products until end of 2020: SELV according to EN 60 950 and EN 50 178)
protection class IP		IP20

Electromagnetic compatibility

electromagnetic compatibility (EMC)		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
<ul style="list-style-type: none"> • interference immunity • emitted interference 		

Ambient conditions

ambient temperature		
<ul style="list-style-type: none"> • during operation • during storage 	°C	-20 ... +70
	°C	-40 ... +85
humidity rating		climatic class DIN 50010, relative humidity max. 100% without condensation
fastening method		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	EMV
--------------------------	-----



[Confirmation](#)



EG-Konf.



RCM

Marine / Shipping

Marine / Shipping	other	Environment
	<p>Confirmation</p>	<p>Environmental Confirmations</p>

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RX9511-0AA00>

Cax online generator

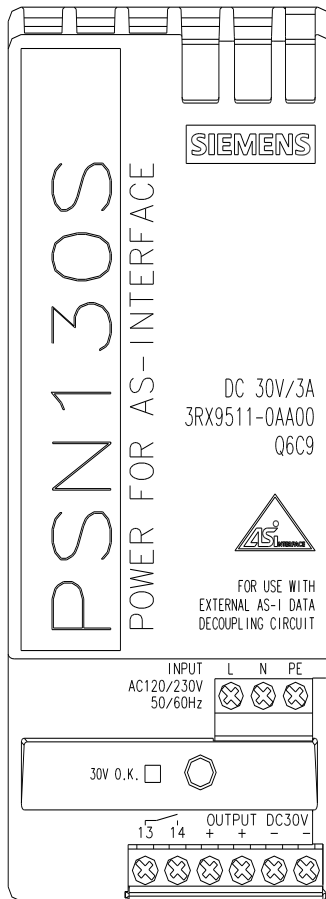
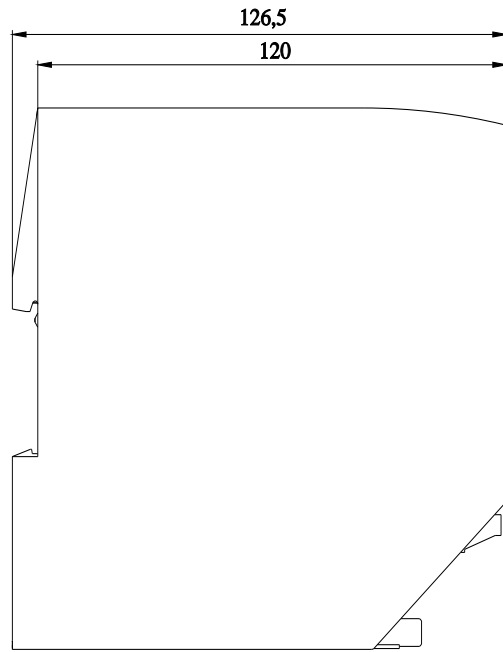
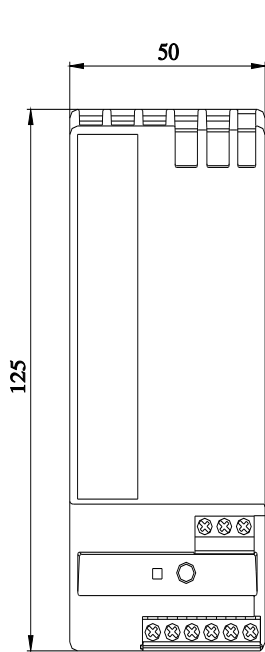
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RX9511-0AA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RX9511-0AA00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RX9511-0AA00&lang=en



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [DIN Rail Power Supplies](#) category:

Click to view products by [Siemens](#) manufacturer:

Other Similar products are found below :

[PS-C24024](#) [ADNB040-24-1PM-C](#) [SS14011524](#) [PSW-12024](#) [PS-C12024](#) [PSC-2024](#) [96PSD-A40W24-MM](#) [PSD-A120W12](#) [NDR-7524](#)
[AMED75-48SJZ](#) [9000-41034-0101000](#) [1SVR427043R1200](#) [PSLR30N](#) [230/12VDC 2.5A](#) [50995](#) [50903](#) [EL50-D](#) [HDN-3024](#) [ISED](#) [ISED-120-24](#)
[1335699](#) [1335698](#) [POS DIN30W24](#) [EL50-B](#) [50905](#) [DRB240-48-1](#) [DRS-480-48](#) [POS DIN30W15](#) [POS MDIN60W12](#) [HDN-3012](#)
[CFM50S240-SD](#) [POS DIN60W24](#) [XCSD1030W012VAA](#) [DRB120-12-3-A1](#) [POS DIN60W15](#) [50904](#) [DRB120-48-1](#) [CFM70S120-SD](#) [POS](#)
[DIN100W15](#) [CFM70S240-SD](#) [POS DIN30W12](#) [CFM50S480-SD](#) [CFM70S150-SD](#) [HDN-6012](#) [POS MDIN100W12](#) [CFM70S360-SD](#) [POS](#)
[MDIN40W24](#) [POS DIN15W15](#) [AMED75-48SNZ](#) [AMED120-12S480NZ](#) [CSW241C](#) [CFM50S050-SD](#)