



Figure similar

AS-i Power 3 A 24 V DC AS-Interface power supply unit, IP20 IN: 24 V DC OUT: AS-i, 3 A (30 V DC), IP20 with integrated ground fault detection, with integrated overload detection with AS-i data decoupling

General technical data		
Type of device		AS-Interface power supply unit IP20
version		single output
Additional function		integrated ground-fault detection, remote reset and remote indication
input voltage at DC	V	24
Inputs		
input voltage at DC	V	20 ... 29
input		10 ms
<ul style="list-style-type: none"> Mains buffering time at I_a rated min input voltage built-in 		T 8 (not accessible)
Connections input		spring-loaded terminal connection input (0.2 ... 2.5 mm ²)/ diagnosis (0.14 ... 1.5 mm ²)
Outputs		
output		yes
<ul style="list-style-type: none"> 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 	V	30 V 29.5 ... 31.6
	mV	3 A
	mV	300
	mV	50
Connections Output		spring-loaded terminal connection output (0.2 ... 2.5 mm ²)/ diagnosis (0.14 ... 1.5 mm ²)
Efficiency/ heat loss		
Efficiency at U _a rated, I _a rated	%	84
power loss [W] maximum	W	17.8
Protective and monitoring functions		
Output overvoltage protection		yes (< 35V)
Current limitation from min.		3.5 A
Short-circuit protection		yes
Safety related data		
protection class (EN 60 950/IEC 950)		III
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
<ul style="list-style-type: none"> interference immunity emitted interference 		class B according to EN 55 022, IEC 61 000-6-3

Ambient conditions		
ambient temperature	• during operation	°C -10 ... +70
	• during storage	°C -25 ... +80
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	EMC	Declaration of Conformity



[Confirmation](#)



Declaration of Conformity	Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)



other



[Confirmation](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3RX9501-1BA00>

Cax online generator

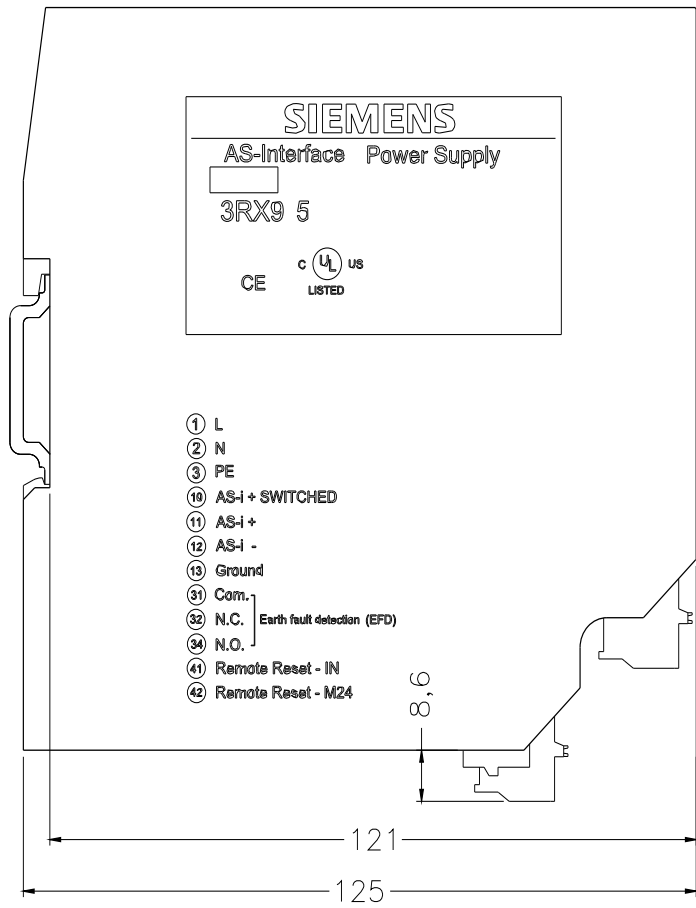
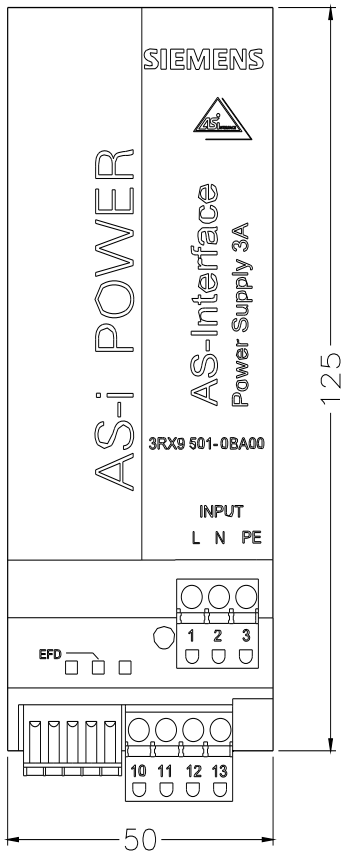
<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3RX9501-1BA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RX9501-1BA00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RX9501-1BA00&lang=en



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