

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



Figure similar

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

Inputs:		
input voltage range		
• voltage range 1 AC	V	20 ... 29
input		
• Mains buffering time at I _a rated min		10 ms
• 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		
• DC-voltage controlled floating according to AS-Interface specification		yes

• voltage rated value Ua rated DC • tolerance total DC • rated current Ia 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 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 Ua rated, Ia rated	%	84
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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
Protection class IP		IP20

Electromagnetic compatibility:

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 operation • during storage	°C	-10 ... +70 -25 ... +80
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			EMC	Declaration of Conformity	Shipping Approval
					
CSA	UL		RCM	EG-Konf.	ABS

Shipping Approval					other
					Confirmation
BUREAU VERITAS	LRS	PRS	RINA	ASi	

other	
Manufacturer Declaration	Miscellaneous

Further information

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

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

Industry Mall (Online ordering system)

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

Cax online generator

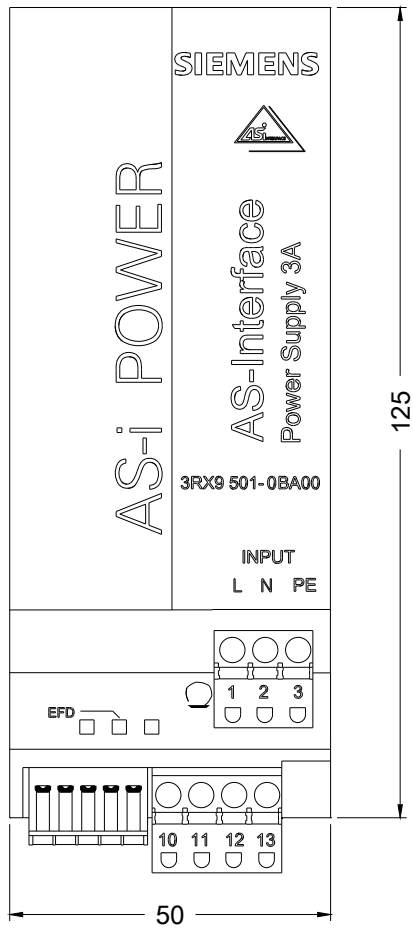
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RX9501-1BA00>

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

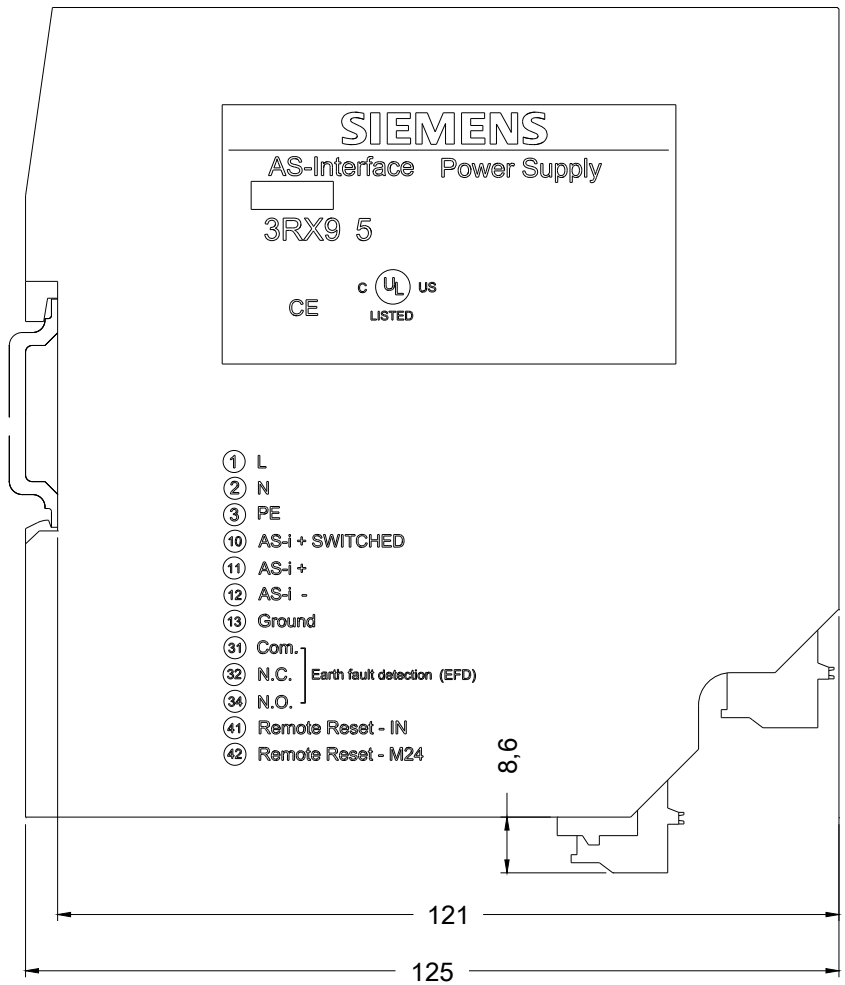
<https://support.industry.siemens.com/cs/ww/en/ps/3RX9501-1BA00>

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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