

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
Input voltage at DC	V	24
Inputs		
Input voltage at DC	V	20 ... 29
input		<ul style="list-style-type: none"> • 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		<ul style="list-style-type: none"> • DC-voltage controlled floating according to AS-Interface specification yes

<ul style="list-style-type: none"> voltage rated value Ua rated DC 		30 V
<ul style="list-style-type: none"> tolerance total DC 	V	29.5 ... 31.6
<ul style="list-style-type: none"> rated current Ia rated 		3 A
<ul style="list-style-type: none"> residual ripple peak-to-peak (0-10 kHz, AS-i+/AS-i-) max 	mV	300
<ul style="list-style-type: none"> spikes peak-to-peak (10-500 kHz, AS-i+/AS-i-) max 	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
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
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		
<ul style="list-style-type: none"> during operation 	°C	-10 ... +70
<ul style="list-style-type: none"> during storage 	°C	-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
--------------------------	-----	---------------------------	-------------------



Shipping Approval	other
-------------------	-------



[Confirmation](#)

other

[Miscellaneous](#)

Further information

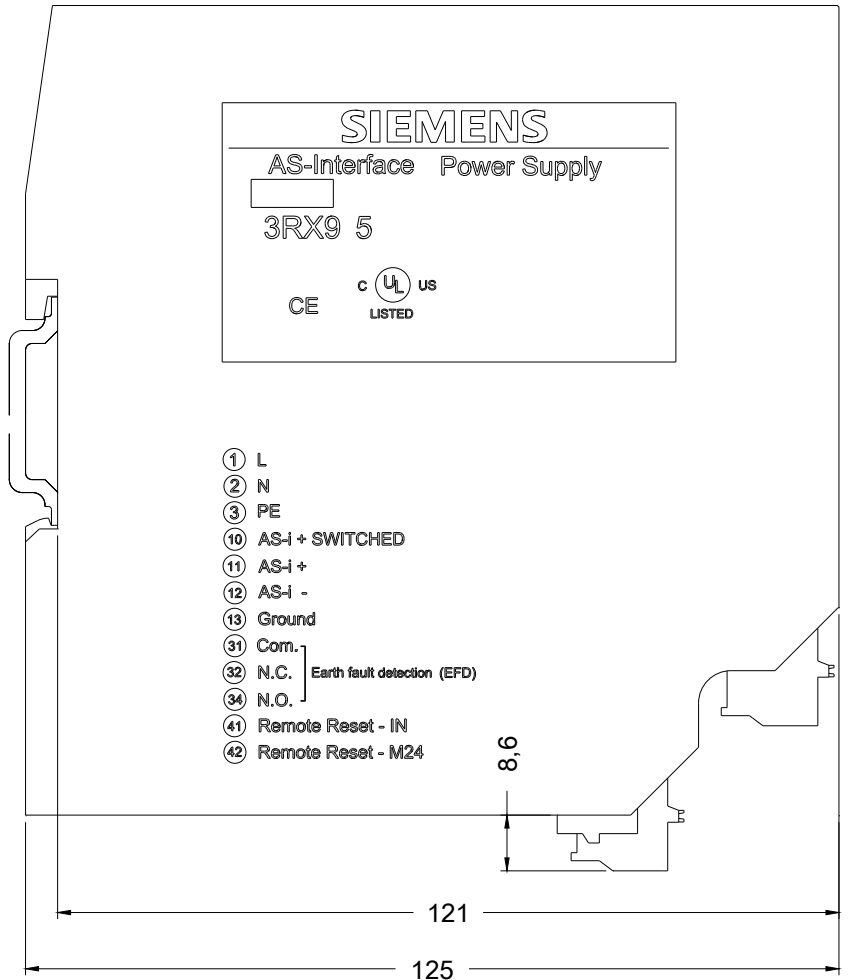
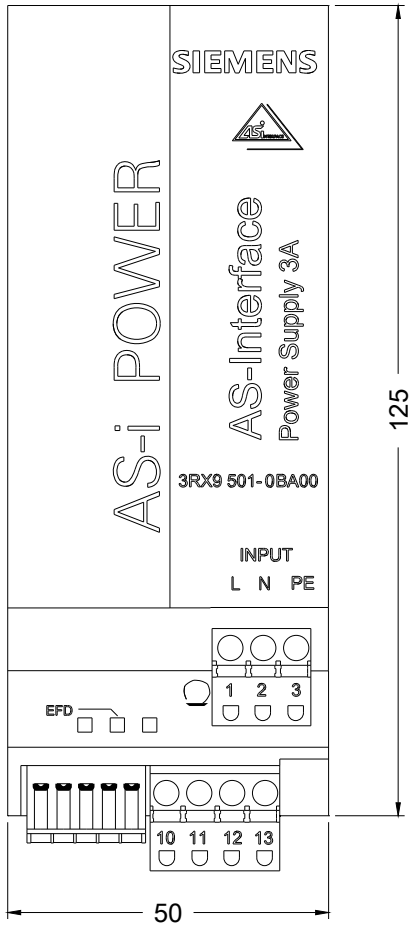
Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/ic10>

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/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



last modified:

09/24/2020