



AS-i Power 5A 120 V/230 V AC AS-Interface power supply unit, IP20 IN: 120 V / 230 V AC OUT: AS-i, 5 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
input voltage nominal value AC		
• range 1	V	120
• range 2	V	230
Additional function		integrated ground-fault detection, remote reset and remote indication

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	176 ... 253
input		
• Mains buffering time at I _a rated min		20 ms
• line frequency		50/60 Hz
• Mains frequency range	Hz	47 ... 63

<ul style="list-style-type: none"> range changeover using input voltage built-in 		Changeover switch on device T 3.15 (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 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	yes 30 V 29.5 ... 31.6 5 A 300 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	%	87
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Protective and monitoring functions:

Output overvoltage protection		yes (< 35V)
Current limitation from min.		5.5 A
Short-circuit protection		yes

Safety related data:

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

Electromagnetic compatibility:

electromagnetic compatibility (EMC)		
<ul style="list-style-type: none"> 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		
<ul style="list-style-type: none"> 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	70
Height	mm	125

Depth

mm

125

Certificates/ approvals:

General Product Approval

EMC

Declaration of
Conformity

Shipping Ap-
proval



CSA



UL



C-Tick



EG-Konf.



ABS

Shipping Approval

other



BUREAU
VERITAS



LRS



PRS



RINA



Asi

[Confirmation](#)

other

[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

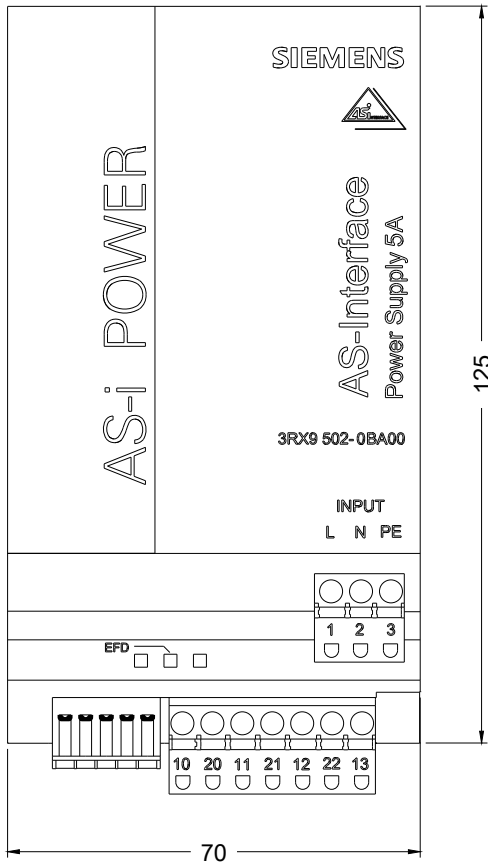
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RX9502-0BA00>

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

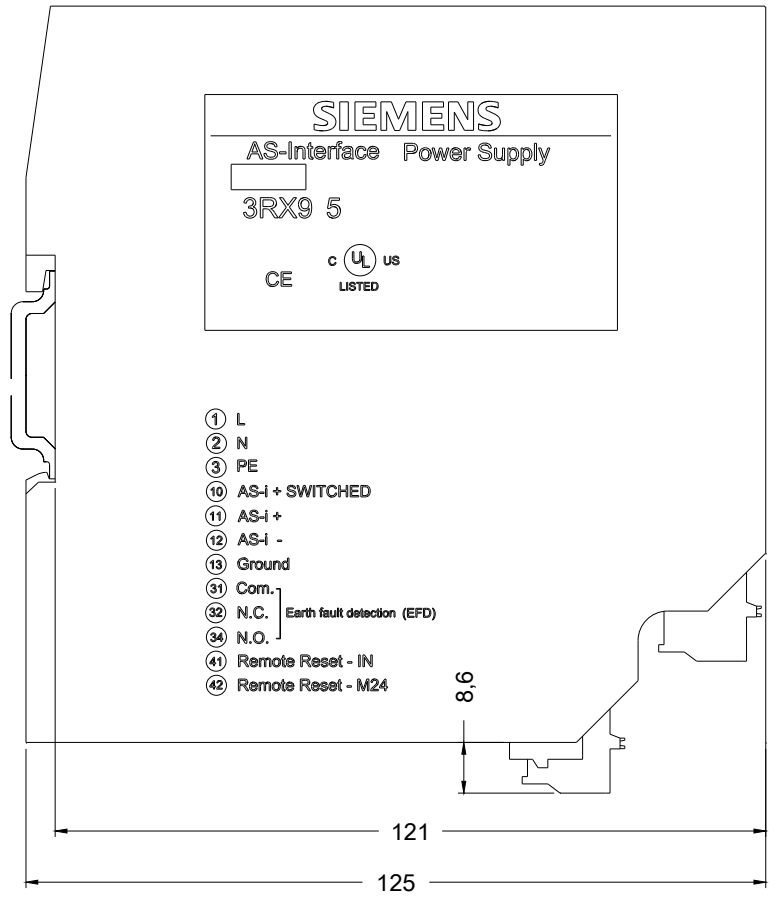
<https://support.industry.siemens.com/cs/ww/en/ps/3RX9502-0BA00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RX9502-0BA00&lang=en



last modified:



10/21/2018