

AS-INTERF. POWER SUPPLY UNIT 4 A, NPUT
VOLTAGE 115V,230 V AC SWITCHABLE, PRIMARY
CLOCKING

General technical data:

Type of device		AS-Interface power supply unit IP20
version		single output
input voltage nominal value AC		
• range 1	V	115
• range 2	V	230

Inputs:

input recommended circuit breaker (IEC 898) in the main supply line		10 A and higher, characteristic C
input voltage range		
• voltage range 1 AC	V	102 ... 132
• voltage range 2 AC	V	195 ... 253
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		Changeover switch on device
• input voltage built-in		T 5 (not accessible)
Connections input		spring-loaded terminal connection (0.8 ... 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		4 A
• residual ripple peak-to-peak (0-10 kHz, AS-i+/AS-i-) max	mV	300
• spikes peak-to-peak (10-500 kHz, AS-i+/AS-i-) max	mV	50
Connections Output		spring-loaded terminal connection (0.8 ... 2.5 mm ²)

Efficiency/ heat loss:

Efficiency at U_a rated, I_a rated	%	85
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Protective and monitoring functions:

Output overvoltage protection		no
Current limitation from min.		4.5 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 (available soon)
Protection class IP		IP20

Electromagnetic compatibility:

electromagnetic compatibility (EMC)		
• interference immunity		EN 50 082-2
• emitted interference		EN 50 081-1

Ambient conditions:

Ambient temperature		
• during operation	°C	-25 ... +55
• during storage	°C	-25 ... +60
humidity rating		max. 80% rel. Humidity
Mounting type		fixing on standard mounting rail DIN EN 50 022-35 x 7.5 mm snap-on
Width	mm	75
Height	mm	135
Depth	mm	107

Certificates/ approvals:

General Product Approval	Shipping Approval
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other

[Environmental Confirmations](#)

[Confirmation](#)

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=3RX9307-1AA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RX9307-1AA00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RX9307-1AA00&lang=en

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