

Notice: Phase-out type AS-Interface power supply unit with data decoupling Output voltage 30 V AC, 2.4 A Input voltage 115 V/230 V AC reconnectable

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 <sub>a</sub> 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		T2
Connections input		spring-loaded terminal connection (0.8 ... 2.5 mm <sup>2</sup> )
Outputs		
output		
• DC-voltage controlled floating according to AS-Interface specification		yes
• voltage rated value U <sub>a</sub> rated DC		30 V
• tolerance total DC	V	29.5 ... 31.6
• rated current I <sub>a</sub> rated		2.4 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 <sup>2</sup> )
Efficiency/ heat loss		
Efficiency at U <sub>a</sub> rated, I <sub>a</sub> rated	%	85
Protective and monitoring functions		
Output overvoltage protection		no
Current limitation from min.		2.8 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
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
fastening method		fixing on standard mounting rail DIN EN 50 022-35 x 7.5 mm snap-on
width	mm	46
height	mm	135
depth	mm	105

#### Certificates/ approvals

General Product Approval	Marine / Shipping
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[Confirmation](#)



Marine / Shipping	other
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[Confirmation](#)

#### 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=3RX9307-0AA00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RX9307-0AA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RX9307-0AA00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RX9307-0AA00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RX9307-0AA00&lang=en)

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