

Notice: Phase-out type AS-Interface power supply unit IP20 30 V DC, 2.4 A with integrated ground fault detection

General technical data		
Type of device		AS-Interface power supply unit IP20
version		with integrated ground-fault detection
Additional function		integrated ground-fault detection module 3RK1 408-8KE00-0AA2 and connection of the AS-Interface voltage with appropriate wiring
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		T2
Connections input		spring-loaded terminal connection (0.5 ... 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		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 (0.5 ... 2.5 mm ²)
Efficiency/ heat loss		
Efficiency at U _a rated, I _a 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	92
height	mm	110
depth	mm	136
Certificates/ approvals		
General Product Approval	Marine / Shipping	other

[Confirmation](#)



[Confirmation](#)

Environment

[Environmental Con-
firmations](#)

Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
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=3RX9310-0AA00>
Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RX9310-0AA00>
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RX9310-0AA00>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RX9310-0AA00&lang=en



