

AS-INTERF. POWER SUPPLY UNIT 2,4 A, INPUT VOLTAGE 115 V, 230 V AC, SWITCHABLE, PRIMARY CLOCKING

General technical data:

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

Inputs:

<b>input recommended circuit breaker (IEC 898) in the main supply line</b>		10 A and higher, characteristic C
input voltage range		
• voltage range 1 AC	V	102 ... 132
• voltage range 2 AC	V	195 ... 253
<b>input</b>		
• 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
<b>Connections input</b>		spring-loaded terminal connection (0.8 ... 2.5 mm <sup>2</sup> )

Outputs:

<b>output</b>		
• 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
<b>Connections Output</b>		spring-loaded terminal connection (0.8 ... 2.5 mm <sup>2</sup> )

Efficiency/ heat loss:

<b>Efficiency at U<sub>a</sub> rated, I<sub>a</sub> rated</b>	%	85
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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:

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

#### Ambient conditions:

<b>Ambient temperature</b>		
• during operation	°C	-25 ... +55
• during storage	°C	-25 ... +60
<b>humidity rating</b>		max. 80% rel. Humidity
<b>Mounting type</b>		fixing on standard mounting rail DIN EN 50 022-35 x 7.5 mm snap-on
<b>Width</b>	mm	46
<b>Height</b>	mm	135
<b>Depth</b>	mm	105

#### Certificates/ approvals:

<b>General Product Approval</b>	<b>Shipping Approval</b>
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<b>Shipping Approval</b>	<b>other</b>
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[Environmental Confirmations](#)

[Confirmation](#)

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

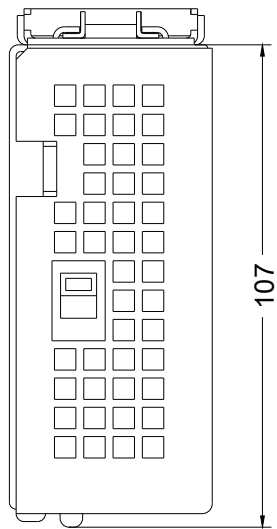
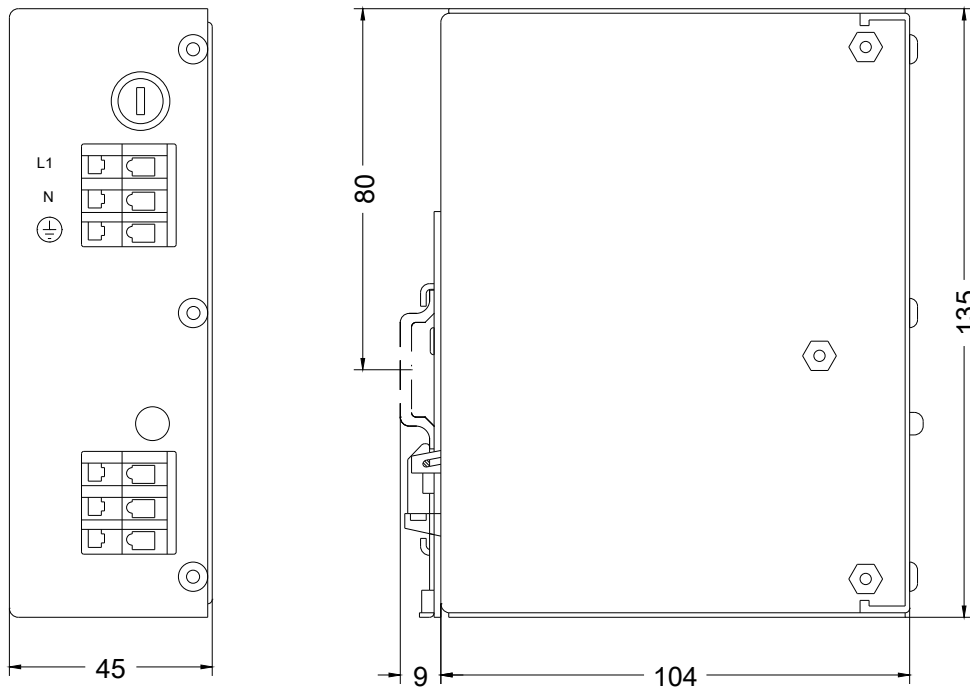
<http://www.siemens.com/industrial-controls/catalogs>

**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=3RX9307-0AA00>



last modified:

07/01/2017