

AS-i Power 3 A 24 V DC AS-Interface power supply unit, IP20 IN: 24 V DC OUT: AS-i, 3 A (30 V DC), IP20 with integrated ground fault detection, with integrated overload detection with AS-i data decoupling



Figure similar

General technical data		
Type of device		AS-Interface power supply unit IP20
version		single output
Additional function		integrated ground-fault detection, remote reset and remote indication
Input voltage at DC	V	24
Inputs		
Input voltage at DC	V	20 ... 29
input		<ul style="list-style-type: none"> <li>• Mains buffering time at I<sub>a</sub> rated min 10 ms</li> <li>• input voltage built-in T 8 (not accessible)</li> </ul>
Connections input		spring-loaded terminal connection input (0.2 ... 2.5 mm <sup>2</sup> )/ diagnosis (0.14 ... 1.5 mm <sup>2</sup> )
Outputs		
output		<ul style="list-style-type: none"> <li>• DC-voltage controlled floating according to AS-Interface specification yes</li> </ul>

<ul style="list-style-type: none"> <li>voltage rated value Ua rated DC</li> </ul>		30 V
<ul style="list-style-type: none"> <li>tolerance total DC</li> </ul>	V	29.5 ... 31.6
<ul style="list-style-type: none"> <li>rated current Ia rated</li> </ul>		3 A
<ul style="list-style-type: none"> <li>residual ripple peak-to-peak ( 0-10 kHz, AS-i+/AS-i- ) max</li> </ul>	mV	300
<ul style="list-style-type: none"> <li>spikes peak-to-peak ( 10-500 kHz, AS-i+/AS-i- ) max</li> </ul>	mV	50
<b>Connections Output</b>		spring-loaded terminal connection output (0.2 ... 2.5 mm <sup>2</sup> )/ diagnosis (0.14 ... 1.5 mm <sup>2</sup> )

<b>Efficiency/ heat loss</b>		
<b>Efficiency at Ua rated, Ia rated</b>	%	84
<b>Power loss [W] maximum</b>	W	17.8

<b>Protective and monitoring functions</b>		
<b>Output overvoltage protection</b>		yes (< 35V)
<b>Current limitation from min.</b>		3.5 A
<b>Short-circuit protection</b>		yes

<b>Safety related data</b>		
<b>protection class ( EN 60 950/IEC 950 )</b>		III
<b>Protection class IP</b>		IP20

<b>Electromagnetic compatibility</b>		
<b>electromagnetic compatibility (EMC)</b>		EN 61 000-6-2, EN 61 000-4-2/-3/-4/-5/-11
<ul style="list-style-type: none"> <li>interference immunity</li> <li>emitted interference</li> </ul>		class B according to EN 55 022, IEC 61 000-6-3

<b>Ambient conditions</b>		
<b>Ambient temperature</b>		
<ul style="list-style-type: none"> <li>during operation</li> </ul>	°C	-10 ... +70
<ul style="list-style-type: none"> <li>during storage</li> </ul>	°C	-25 ... +80
<b>humidity rating</b>		climatic class DIN 50010, relative humidity max. 100% without condensation
<b>Mounting type</b>		fixing on standard mounting rail DIN EN 59 022-35 x 7.5 mm snap-on
<b>Width</b>	mm	50
<b>Height</b>	mm	125
<b>Depth</b>	mm	125

<b>Certificates/ approvals</b>		
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General Product Approval	EMC	Declaration of Conformity	Shipping Approval
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Shipping Approval	other
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[Confirmation](#)

other
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[Miscellaneous](#)

### Further information

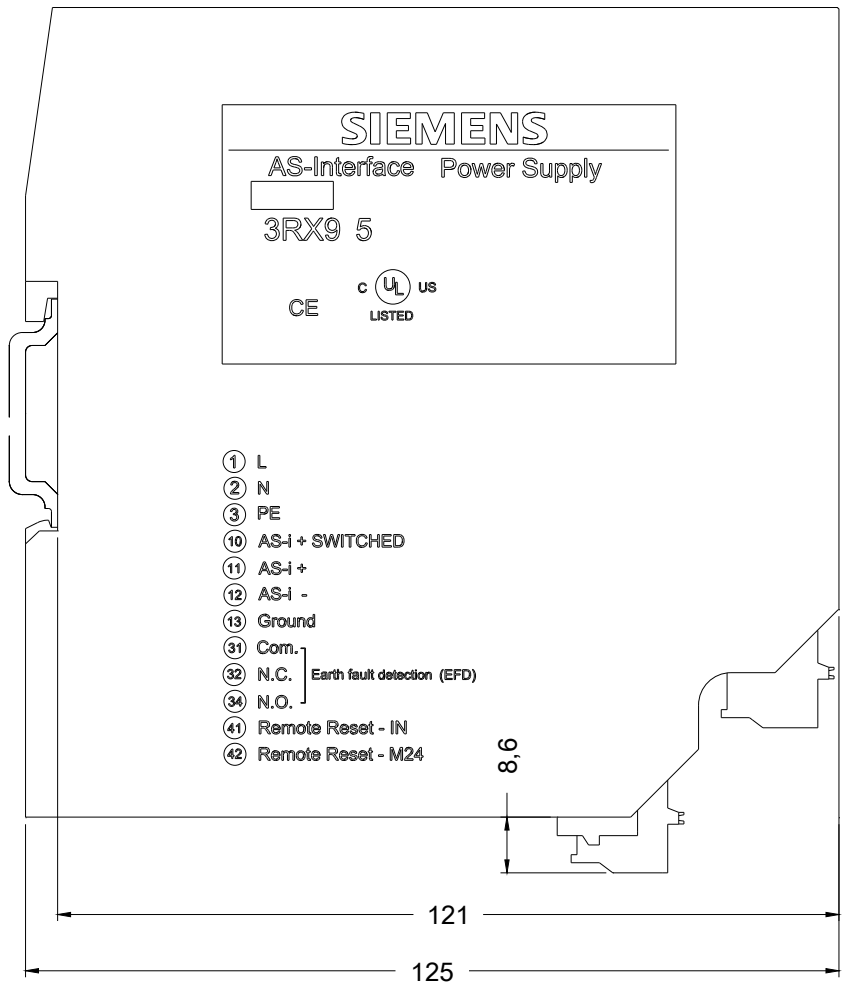
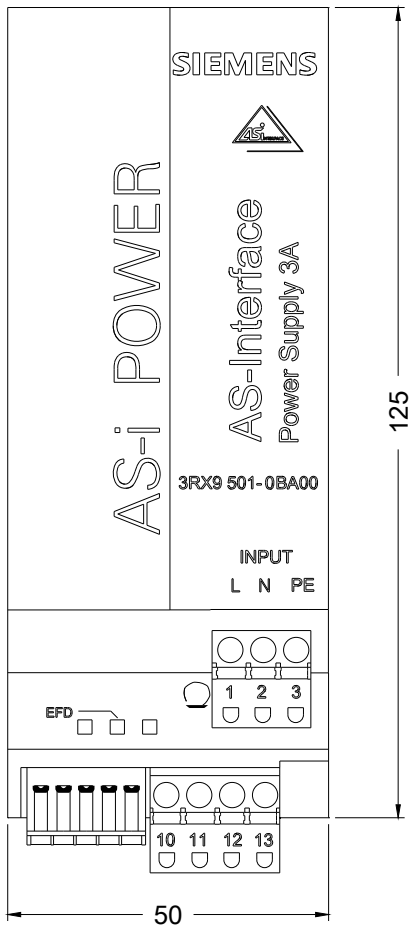
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