



AS-INTERFACE POWER SUPPLY IP20;
OUT: AS-I DC30V,
3A IN: DC 24V WITH DATA DECOUPLING

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
Inputs:		
input		DC
- voltage range - voltage range 1 / AC - Mains buffering time / at I_a rated / min - input voltage / built-in	V	20 ... 29 10 T 8 (not accessible)
Connections / input		spring-loaded terminal connection input (0.2 ... 2.5 mm ²)/ diagnosis (0.14 ... 1.5 mm ²)
Outputs:		
output		
- DC-voltage / controlled floating / according to AS-Interface spezification - voltage rated value / U_a rated / DC - tolerance / total - DC		yes 30 V 29.5 ... 31.6
	V	

• rated current / I _a rated		3 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 output (0.2 ... 2.5 mm ²)/ diagnosis (0.14 ... 1.5 mm ²)

Efficiency / heat loss:		
Efficiency / at U_a rated, I_a rated	%	84

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

Safety:		
protection class / (EN 60 950/IEC 950)		III
Protection class IP		IP20

EMC:		
electromagnetic compatibility (EMC)		
• interference immunity		EN 61 000-6-2, EN 61 000-4-2/-3/-4/-5/-11
• emitted interference		class B according to EN 55 022, IEC 61 000-6-3

Ambient conditions:		
Ambient temperature		
• during operating	°C	-10 ... +70
• during storage	°C	-25 ... +80
humidity rating		climatic class DIN 50010, relative humidity max. 100% without condensation
Mounting type		fixing on standard mounting rail DIN EN 59 022-35 x 7.5 mm snap-on
Width	mm	50
Height	mm	125
Depth	mm	125

Certificates/approvals:		
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General Product Approval

CSA

UL

C-TICK

EG-Konf.

Shipping Approval

ABS

BUREAU
VERITAS

DNV



LRS



PRS

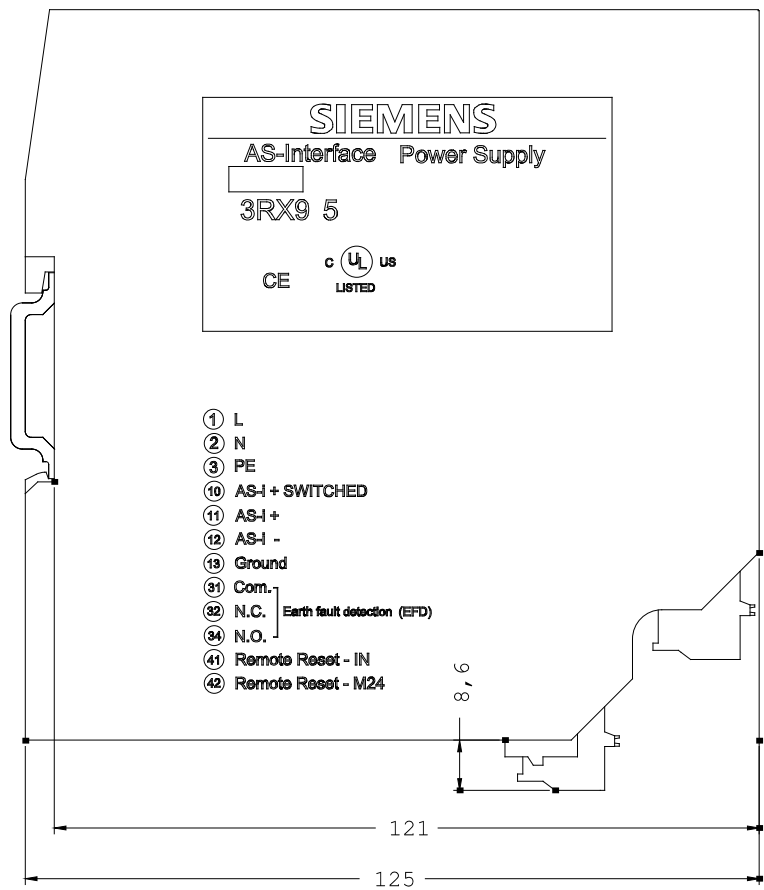
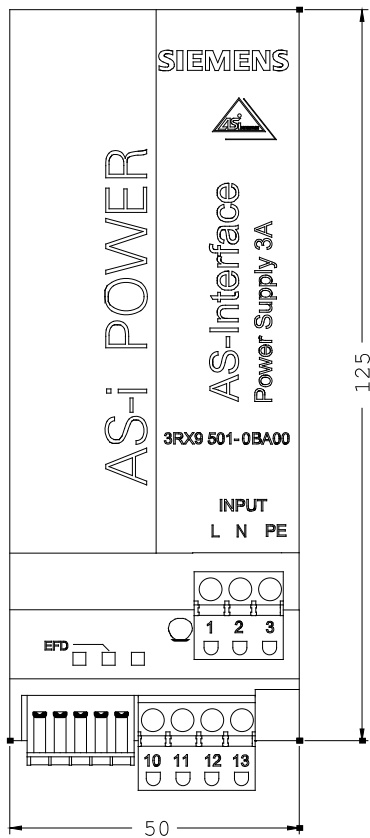


RINA

other

ASi

[other](#)[Environmental
Confirmations](#)**Further information:****Information- and Downloadcenter (Catalogs, Brochures,...)**<http://www.siemens.com/industrial-controls/catalogs>**Industry Mall (Online ordering system)**<http://www.siemens.com/industrial-controls/mall>**Cax online generator:**<http://www.siemens.com/cax>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<http://support.automation.siemens.com/WW/view/en/3RX9501-1BA00/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RX9501-1BA00



last change:

Jun 16, 2014