SIEMENS

Product data sheet 3RX9306-1AA00

AS-INTERFACE COMBINED POWER SUPPLY UNIT IP20,AS-I DC30V,
WITH DATA DECOUPLING DC24V,
4A (PRIMARY CLOCKING) INPUT VOLTAGE 115/230V COMMUTABLES

General technical data:	
Type of device	AS-Interface power supply unit IP20
version	combi output
input voltage / nominal value / AC	
• range 1	115 V
• range 2	230.000 V
Inputs:	
input	single phase AC
• voltage range	
• voltage range 1 / AC	
• min	102 V
• max	132 V
• voltage range 2 / AC	
• min	195 V
• max	253 V
• Mains buffering time / at Ia rated / min	20
• line frequency	50/60 Hz
• Mains frequency range	
• min	47 Hz
• max	63 Hz
• range changeover / using	changeover switch
• input voltage / built-in	T 5 (not accessible)
• recommended circuit breaker / (IEC 898) / in the main supply line	16 A and higher, characteristic C
Connections / input	spring-loaded terminal connection (0.8...2.5 mm²)
Outputs:	

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output	
• DC-voltage / controlled floating / according to AS-Interface spezification	yes
• voltage rated value / Ua rated / DC	30 / 24 V
• tolerance / total / DC	
• min	29.5 V
• max	31.6 V
• rated current / Ia rated	4/5 A
• residual ripple / peak-to-peak / (0-10 kHz, AS-i+/AS-i-) / max	300 mV
• spikes / peak-to-peak / (10-500 kHz, AS-i+/AS-i-) / max	50 mV
Connections / Output	spring-loaded terminal connection (0.8...2.5 mm²)
Efficiency / heat loss:	
Efficiency / at Ua rated, Ia rated	85 %
Protective and monitoring functions	
Output overvoltage protection	no
Current limitation / from min.	4/5 A
Short-circuit protection	yes
Safety:	
protection class / (EN 60 950/IEC 950)	I
licence	CE, UL, CSA (available soon)
Electrical isolation / primary/secondary	SELV according to EN 60 950 (available soon)
Protection class IP	IP20
EMC:	
electromagnetic compatibility (EMC)	
• interference immunity	EN 50 082-2
• emitted interference	EN 50 081-1
Ambient conditions:	
Ambient temperature	
• during the operating phase	
• maximum	55 °C
• minimum	-45 °C
• during storage	
• maximum	60 °C

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