

Product type designation

Wide-range power supply unit with US connecting cable

SIMATIC RF600 wide-range voltage supply for SIMATIC RF systems

In: AC: 100-240 V Out: 24 V DC 3A CE, UL, CSA Degree of protection IP67 with power supply cable / connector US version

Consisting of: 1x 6GT28980AC81 1x 6GT28980AC21



Type of current supply	Input: 100 to 230 V AC, output: 24 V DC / 3 A
Suitability for use	Two readers can be connected directly. Robust and cast industrial power supply unit with high degree of protection for use directly at the process.
Electrical data / Input	
Voltage curve / at input	AC single phase
Supply voltage / Rated value	230 V
Supply voltage / rated value	100 ... 240 V
Type of voltage / of the supply voltage	AC
Line frequency	
• 50 Hz	Yes
• 60 Hz	Yes
Electrical data / Output	
Voltage curve / at output	DC 24 V fixed voltage
Output voltage / at DC / Rated value	24 V
Output current	
• Rated value	3 A
• Rated range	0 ... 3.9 A

Efficiency in percent	90 %
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Electrical data / closed-loop control

Relative overall tolerance / of the voltage	2 %
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Electrical data / protection and monitoring

Design of the overvoltage protection / at output	Uout nom +20 % typ.
Property of the output / Short-circuit proof	Yes
Design of short-circuit protection	Permanent
Enduring short circuit current / RMS value / maximum	3.9 A

Electrical data / safety

Galvanic isolation / between entrance and outlet	Yes
Galvanic isolation	SELV / PELV according to EN 60950
Operating resource protection class	Class II (protective insulation)

Interfaces

Number of electrical connections	2
<ul style="list-style-type: none"> for power supply 	
Type of electrical connection	US plug with 2 m connecting cable
<ul style="list-style-type: none"> at input at output 	2 x M12 4 pin, A-coded, female

Signal inputs/outputs

Product component / Signaling contact	No
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Design, dimensions and weights

Width	85 mm
Height	35 mm
Depth	175 mm
Net weight	0.96 kg
Mounting type	4 screws M5

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport Note 	-25 ... +75 °C -40 ... +85 °C -40 ... +85 °C free convection
Protection class IP	IP67

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> for safety / from CSA and UL for emitted interference 	EN 60950 / UL 60950 / CAN/CSA 22.2 950, 3 Edition EN 61000-6-3, EN 55011 (Class B)

accessories

accessories	
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- belonging to

Power supply un...T2898-0AC003

Further information / Internet-Links

Internet-Link

- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/67384964>

<http://www.siemens.com/ident/rfid>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

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