

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 3 A CE, UL, CSA degree of protection IP67 with power supply cable / connector US consisting of: 1x 6GT28980AC81 1x 6GT28980AC21.



product brand name	SIMATIC RF
type of current supply	Input: 100 to 230 V AC, output: 24 V DC / 3 A
Technical Product Detail Page	https://l.siemens.com/1P6GT2898-0AC20
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 / 1 / rated value	230 V
• supply voltage / 1 / rated value	100 ... 240 V
• type of voltage / 1 / 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	
• 1 / at DC / rated value	24 V
output current	
• rated value	3 A
• rated range	0 ... 3.9 A
efficiency in percent	90 %

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	U _{out} 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 input and output	Yes
galvanic isolation	SELV / PELV according to EN 60950
operating resource protection class	Class II (protective insulation)

interfaces

number of electrical connections	
• for power supply	2
type of electrical connection	
• at input	US plug with 2 m connecting cable
• at output	2 x M12 4 pin, A-coded, female

signal inputs/outputs	
product component / signaling contact	No
design, dimensions and weights	
width	85 mm
height	35 mm
depth	175 mm
net weight	0.96 kg
fastening method	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 / included	Power supply un...T2898-0AC003
further information / internet links	
internet link	
<ul style="list-style-type: none"> to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to website: Industrial communication to web page: SiePortal to website: Image database to website: CAX-Download-Manager to website: Industry Online Support 	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
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security information	<p>Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)</p>
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General Product Approval	



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