SIEMENS

Data sheet 6GT2898-0AC20

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://i.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 %
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 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

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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	
● during operation	-25 ... +75 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
● note	free convection
protection class IP	IP67
standards, specifications, approvals	
standard	
● for safety / from CSA and UL	EN 60950 / UL 60950 / CAN/CSA 22.2 950, 3 Edition
● for emitted interference	EN 61000-6-3, EN 55011 (Class B)
accessories	
accessories / included	Power supply un...T2898-0AC003
further information / internet links	
internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	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)
Approvals / Certificates	
General Product Approval	

EAC

Manufacturer Declaration

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