

product type designation

Wide-range power supply unit without 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 IP 67 Without power supply cable / connector.



type of current supply	Input: 100 to 230 V AC, output: 24 V DC / 3 A
Technical Product Detail Page	https://l.siemens.com/1P6GT2898-0AC81
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.
suitability for operation	For connecting to suitable power grids; for direct connection of 2 readers
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
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	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	Mini-Change® connector, male, 3-pin
• 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	0.72 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	Connecting cabl...EU, US or UK
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
security information	
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>

Approvals / Certificates

General Product Approval

[Declaration of Conformity](#)



[China RoHS](#)

last modified:

11/11/2025