

product type designation

**Wide-range power supply unit with UK 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 with power supply cable /connector UK Consisting of: 1x 6GT28980AC81 1x 6GT28980AC11.



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	<a href="https://l.siemens.com/1P6GT2898-0AC10">https://l.siemens.com/1P6GT2898-0AC10</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
<b>supply voltage / 1 / rated value</b>	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	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	UK 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	1 kg
fastening method	4 screws M5
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>note</li> </ul>	-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"> <li>for safety / from CSA and UL</li> <li>for emitted interference</li> </ul>	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...T2898-0AC002
further information / internet links	
internet link	
<ul style="list-style-type: none"> <li>to website: Selection guide for cables and connectors</li> <li>to web page: selection aid TIA Selection Tool</li> <li>to website: Industrial communication</li> <li>to web page: SiePortal</li> <li>to website: Image database</li> <li>to website: CAX-Download-Manager</li> <li>to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a> <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a> <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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Approvals / Certificates	
General Product Approval	

[Declaration of Conformity](#)



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