

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 3A CE, UL, CSA Degree of protection IP 67 with power supply cable/connector UK Consisting of: 1x 6GT28980AC81 1x 6GT28980AC11



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 %
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 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
• for power supply	
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 weight	
Width	85 mm
Height	35 mm
Depth	175 mm
Net weight	1 kg
Mounting type	4 screws M5
Permitted ambient conditions	
Ambient temperature	-25 ... +75 °C
• during operation	
• during storage	
• during transport	
• Note	free convection
Protection class IP	IP67
Standards, specifications, approvals	
Standard	EN 60950 / UL 60950 / CAN/CSA 22.2 950, 3 Edition EN 61000-6-3, EN 55011 (Class B)
• for safety / from CSA and UL	
• for emitted interference	
Accessories	
accessories	

- belonging to

Power supply un...T2898-0AC002

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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