SIEMENS

Data sheet 6GT2898-0AC20

product type designation

type of current supply

Wide-range power supply unit with US connecting cable

Input: 100 to 230 V AC, output: 24 V DC / 3 A

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.



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	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
signal inputs/outputs	
product component / signaling contact	No
design, dimensions and weights	

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Approvals / Certificates

General Product Approval





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