

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
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 / 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	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	
• 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	Connecting cabl...EU, US or UK
further information / internet links	
internet link	
• to web page: selection aid TIA Selection Tool	https://support...iew/67384002
• to website: Industrial communication	http://www.siemens.com/ident/rfid
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx-Download-Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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