

### 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 3A 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 %
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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 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	Mini-Change® connector, male, 3-pin
• at input	
• at output	2 x M12 4 pin, A-coded, female

#### Signal inputs/outputs

Product component / Signaling contact	No
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#### Design, dimensions and weights

Width	85 mm
Height	35 mm
Depth	175 mm
Net weight	0.72 kg
Mounting type	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)

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...iew/67384002](https://support.industry.siemens.com/idm/67384002)

<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>

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