

Product type designation

Wide range power supply with Euro connector

SIMATIC RF600 WIDE RANGE POWER SUPPLY FOR SIMATIC
RF-SYSTEMS INPUT: 100-240V AC (50-60HZ), 120-353V DC
OUTPUT: DC 24V, 3A EN 55011/B, VDE, PROTECTION MODE
IP65 EURO-CONNECTOR



Type of current supply	Input: AC 120 / 230 V, Output: DC 24 V / 3 A
Suitability for use	Power supply for direct connection of readers
Suitability for operation	in Europe for direct connection of 2 readers

Electrical data / Input

Voltage curve / at input	1-phase AC or DC
Supply voltage / Rated value	230 V
Supply voltage / rated value	94 ... 264 V
Type of voltage / of the supply voltage	AC/DC
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 ... 4 A
Efficiency in percent	90 %

Electrical data / Closed-loop control	
Relative overall tolerance / of the voltage	2 %
Electrical data / Protection and monitoring	
Property of the output / Short-circuit proof	Yes
Design of short-circuit protection	constant short-circuit current
Enduring short circuit current / RMS value / maximum	4 A
Electrical data / Safety	
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	Euro connector with 2 m cable 2 x M12 4 pin, A-coded, female
• at input	
• at output	
Signal-Inputs/outputs	
Product component / Signaling contact	No
Design, dimensions and weight	
Width	85 mm
Height	35 mm
Depth	175 mm
Net weight	0.72 kg
Mounting type	4 screws M5
Permitted ambient conditions	
Ambient temperature	-25 ... +55 °C -40 ... +85 °C -40 ... +85 °C free convection
• during operation	
• during storage	
• during transport	
• Note	
Protection class IP	IP65
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	
Further Information / Internet Links	
Internet-Link	https://support.industry.siemens.com/cs/ww/en/view/67384964 http://www.siemens.com/ident/rfid
• 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://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

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