

### 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
<ul style="list-style-type: none"> <li>• for power supply</li> </ul>	
Type of electrical connection	
<ul style="list-style-type: none"> <li>• at input</li> <li>• at output</li> </ul>	Euro connector with 2 m cable 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	0.72 kg
Mounting type	4 screws M5
Permitted ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> <li>• Note</li> </ul>	-25 ... +55 °C -40 ... +85 °C -40 ... +85 °C free convection
Protection class IP	IP65
Standards, specifications, approvals	
Standard	
<ul style="list-style-type: none"> <li>• for safety / from CSA and UL</li> <li>• for emitted interference</li> </ul>	EN 60950 / UL 60950 / CAN/CSA 22.2 950, 3 Edition EN 61000-6-3, EN 55011 (Class B)
Further Information / Internet Links	
Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> <li>• to website: Industrial communication</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a> <a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a>

- 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>

<https://support.industry.siemens.com>

**last modified:**

06/10/2017