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Data Sheet

August 15, 2026

CARLO GAVAZZI

Carlo Gavazzi SPD 120W DIN Rail Power Supply

Carlo Gavazzi SPD241201 120 W DIN Rail Power Supply 24 V 5 A The Carlo Gavazzi SPD241201 is a 120 W DIN rail switch mode power supply in the SPD 120 W family. OEM SPD 120 W literature rates 24 Vdc 5 A (120 W), universal 90 to 264 VAC input, and DIN rail mounting for industrial 24 V control rails. Industrial PLC, sensor, and control 24 Vdc DIN rail power. Instrument Type: DIN rail AC/DC power supply The Carlo Gavazzi SPD241201 is a 120 W DIN rail switch mode power supply in the SPD 120 W family. OEM SPD 120 W literature rates 24 Vdc 5 A (120 W), universal 90 to 264 VAC input, and DIN rail mounting for industrial 24 V control rails. Industrial PLC, sensor, and control 24 Vdc DIN rail power. Instrument Type: DIN rail AC/DC power supply Application Class: industrial 24 V control



MODEL

**Carlo Gavazzi
SPD241201**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SPD241201

LISTING

<https://aumictechlabs.com/products/spd241201-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Carlo Gavazzi SPD241201 is a 120W DIN rail mount switching power supply designed for industrial automation and control applications. It features a wide AC input voltage range and provides a stable 24V DC output with a maximum current of 5A. The unit is constructed with a plastic housing and offers essential protection features, making it suitable for demanding industrial environments. Technical Specifications * Manufacturer: Carlo Gavazzi Model: SPD241201 Product Series: SPD Series Type: Switching Power Supply (SMPS PSU) Power Output:

120 W Rated Output Voltage (DC): 24 VDC Max. Output Current (DC): 5 A Input Voltage Range: * AC: 90-132 VAC (at 115V AC input) / 180-264 VAC (at 230V AC input) * AC: 93-264 VAC * AC: 100-240 VAC * DC: 210-370 VDC (220 VDC / 250 VDC nominal) Input Frequency Range: 47-63 Hz Input Type: Single-phase (1AC) Efficiency: Typically 86% Power Factor Correction (PFC): Standard Hold-up Time: * 25 ms at 115 VAC input * 30 ms at 230 VAC input Transient Recovery Time: 300 μ s Ripple and Noise: 50 mVpp Minimum Load: 0% Line Regulation: $\pm$ 0.5% Load Regulation: $\pm$ 1% (Non-parallel model) Voltage Trim Range: Not specified Switching Frequency: 80 kHz Protection Features * Over-load Protection: Yes Over-voltage Protection: Yes Short-circuit Protection (SCP): Yes Over-temperature Protection: Yes (for SPDE241201 model) Interfaces and Indicators * Terminal Type: Screw connection LED Indicators: * DC Power ON * DC Low (Threshold at startup and after startup) * LED indicator for status Physical and Environmental * Mounting Type: DIN Rail Mount (7.5mm or 15mm rails) Housing Material: Plastic / Metal (for SPDE241201 model) Degree of Protection (IP): IP20 Dimensions: * Width: 64 mm / 64.4 mm / 63.5 mm * Height: 124.5 mm / 124 mm / 125 mm / 125 mm * Depth: 126 mm / 118.8 mm / 100 mm / 126 mm Weight: 920 g Operating Temperature: -10°C to 71°C / -35°C to 71°C Derating: 2.5% / °C for temperatures above 60°C Ambient Humidity: 20% to 95% RH Storage Temperature: -35°C to +85°C Cooling: Free air convection Pollution Degree: Not specified Compatibility and Approvals * Certifications: CE, UL, cUL listed, TUV EMC Standards: * EN 61000-6-3 * EN 55022 Class B * EN 61000-3-2 * EN 61000-3-3 * EN 61000-6-2 * EN 55024 * EN 61000-4-2 Level 4 * EN 61000-4-3 Level 3 * EN 61000-4-4 Level 4 Documentation * Datasheet: Available (English) Installation Manual: Available (English) CAD Models: Available (3D, 2D, Step) Why Choose Aumictech for Carlo Gavazzi SPD241201? At Aumictech, we specialize in supplying high-end industrial automation equipment. Whether you need reliable power solutions for critical control systems, solid power supplies for harsh environments, or compact and efficient power units for DIN rail mounting, our team ensures the Carlo Gavazzi SPD241201 delivers maximum performance and operational stability for your application.

SPD241201 Characteristics / Specifications

PARAMETER	VALUE
Model	SPD241201
Instrument Type	DIN rail AC/DC power supply
Family	Carlo Gavazzi SPD 120 W
Output Voltage	24 Vdc
Output Current	5 A
Output Power	120 W
Ac Input Class	90 to 264 VAC
Manufacturer	Carlo Gavazzi
Form Factor	DIN rail
Application Class	industrial 24 V control
System Role	DIN rail SMPS
Use Case	PLC and sensor rail
Documentation Type	OEM SPD 120 W literature
Mounting Class	DIN rail
Output Rail	single 24 V
Power Class	120 W
Input Class	universal AC
Cooling Class	convection DIN rail
Protection Class	overload and short circuit on the SPD sheet
Isolation Class	AC mains to 24 V SELV class
Efficiency Class	SPD 120 W efficiency on the SPD241201 sheet
Ripple Class	SPD 120 W ripple on the sheet
Operating Temperature Class	SPD 120 W temperature range on the sheet
Humidity Class	SPD 120 W humidity on the sheet
Literature	Carlo Gavazzi SPD 120 W DIN rail supply literature

PARAMETER	VALUE
Brand Lineage	Carlo Gavazzi
Operating temperature	Class: SPD 120 W temperature range on the sheet
Humidity	Class: SPD 120 W humidity on the sheet

SPD241201 Specifications

PARAMETER	VALUE
Applications	Industrial PLC, sensor, and control 24 Vdc DIN rail power.
Key Features	120 W 24 V 5 A DIN rail SMPS
Universal 90 to 264 VAC input class	SPD 120 W family
Technical Specifications	Model: SPD241201

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: SPD 120 W temperature range on the sheet
Operating Temperature	Class: SPD 120 W temperature range on the sheet
Humidity	Class: SPD 120 W humidity on the sheet
Operating Temperature Class	SPD 120 W temperature range on the sheet
Humidity Class	SPD 120 W humidity on the sheet
Literature	Carlo Gavazzi SPD 120 W DIN rail supply literature
Brand Lineage	Carlo Gavazzi Notes From Carlo Gavazzi SPD 120 W DIN rail family literature for SPD241201 (24 V 5 A 120 W, 90 to 264 VAC). Ripple, efficiency, and derating curves are on the SPD241201 sheet; do not invent millivolt ripple.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

From Carlo Gavazzi SPD 120 W DIN rail family literature for SPD241201 (24 V 5 A 120 W, 90 to 264 VAC).
Ripple, efficiency, and derating curves are on the SPD241201 sheet; do not invent millivolt ripple.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.