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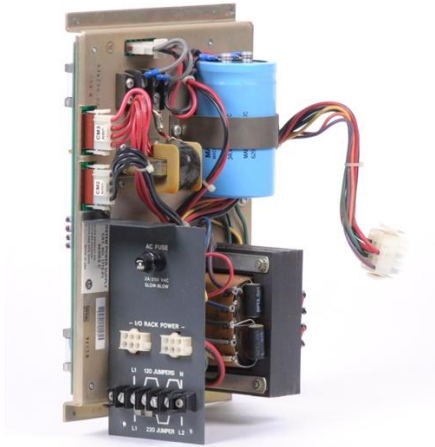
Data Sheet

August 13, 2026

ROCKWELL / ALLEN-BRADLEY

Rockwell / Allen-Bradley 1772-P1 System Power Supply

Rockwell / Allen-Bradley DC Power Supplies. Voltage: Selectable 110 V AC or 220 V AC, Voltage: 5.1 V DC (processor and I/O modules).



Artisan Technology Group

MODEL

Rockwell / Allen-Bradley 1772-P1

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

1772-P1

LISTING

<https://aumictechlabs.com/products/1772-p1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Rockwell Allen-Bradley 1772-P1 is a system power supply engineered to convert facility AC power into regulated DC voltages for Allen-Bradley Bulletin 1772 PLC-2 processors and associated I/O chassis. This open-style unit mounts directly on the 1772 PLC-2 chassis and delivers the precise DC rails required for stable processor and I/O module operation in industrial control environments. The 1772-P1 does not provide battery backup; data retention during power interruptions is handled by the PLC's internal memory modules.

Technical Specifications

Input Voltage: Selectable 110 V AC or 220 V AC; accepts 120 V AC or 220/240 V AC operation

Output Voltage: 5.1 V DC (processor and I/O modules, 6.5 A maximum); 5 V DC (memory circuitry)

Power Consumption: 75 VA

Current Rating: 2 A maximum; 6.5 A on 5.1 V rail

Fuse Protection: Slow-blow, 2 A, 250 V AC

Operating Temperature: -10 °C to +100 °C

Weight: 15.5 pounds (7.03 kg)

Voltage Monitoring Range: 98-132 V AC (120 V setting); 196-250 V AC (220/240 V setting); minimum

support 92 V (120 V) and 184 V (220/240 V)Key Features AC-to-DC conversion with selectable input voltage Regulated dual-rail DC output for processor logic and memory circuits Built-in slow-blow fuse protection against overcurrent Undervoltage, overvoltage, and overcurrent protection Open-style chassis construction; requires user-provided environmental enclosure Not designed for water or liquid exposureTypical Applications Power delivery for Allen-Bradley PLC-2 automation and control systems operating in industrial manufacturing, process control, and discrete automation environments.Compatibility & Integration Processors: Bulletin 1772 PLC-2, 1772 Mini-PLC-2, 1772 Mini-PLC-2/15 I/O Chassis: One 1772 I/O chassis (with adapter module) or integrated with processor modules on standard 1772 chassis

Features & description

From manufacturer datasheet

Features

- PLC-2 Bulletin 1772 processor power supply

1772P1 Characteristics / Specifications

PARAMETER	VALUE
Model	1772-P1
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	PLC-2 Processor Power Supply
Series	Bulletin 1772 PLC-2
Alias	1772-P1; 1772P1
Platform	PLC-2 processors (1772-LP, PLC-2/20, PLC-2/30 class systems)
Function	converts plant AC to PLC-2 logic power
Mounting	PLC-2 processor / power-supply assembly
Input	AC mains per 1772-P1 nameplate (typically 120/240 Vac selectable class on PLC-2 supplies)
Outputs	PLC-2 internal logic rails (ratings on the 1772-P1 sheet)
Fusing	field fuse per PLC-2 installation publication
Indicators	AC/DC power status class PLC-2
Not Compatible	1746 SLC chassis; 1756 ControlLogix chassis; 1769 CompactLogix bank
Related 17	1772 processor, 1771 I/O adapter in PLC-2 systems uses 1771 I/O powered separately
I/O Note	1771 I/O chassis use 1771 power supplies, not 1772-P1, unless the publication says otherwise
Status	obsolete PLC-2; spare/MRO only
Documentation	PLC-2 assembly and 1772-P1 installation instructions
Replacement Path	ControlLogix/CompactLogix migration, not a drop-in 1756-PA72
Identity Rule	do not copy 1746-P1 2 A / 0.46 A ratings onto 1772-P1
Form	PLC-2 power supply module
Cooling	convection in the PLC-2 enclosure
Agency	industrial control listings of the era on the nameplate

PARAMETER	VALUE
Duty	continuous within PLC-2 ambient Notes True legacy accessory-style electrical table. Verified identity is PLC-2 1772-P1. Do not invent ampere ratings. Confirm input jumper and fuse on the unit.

1772P1 Specifications

PARAMETER	VALUE
Applications	PLC-2 processor chassis power; legacy 1772 MRO; not for SLC 500 or ControlLogix.
Key Features	- PLC-2 Bulletin 1772 processor power supply
Technical Specifications	Model: 1772-P1

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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Series	Bulletin 1772 PLC-2
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PARAMETER	VALUE
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Specifications

PARAMETER	VALUE
Status	obsolete PLC-2; spare/MRO only
Documentation	PLC-2 assembly and 1772-P1 installation instructions
Replacement Path	ControlLogix/CompactLogix migration, not a drop-in 1756-PA72

Specifications

PARAMETER	VALUE
Identity Rule	do not copy 1746-P1 2 A / 0.46 A ratings onto 1772-P1
Form	PLC-2 power supply module
Cooling	convection in the PLC-2 enclosure

Agency: industrial control listings of the era on the nameplate

Duty: continuous within PLC-2 ambient

Notes

True legacy accessory-style electrical table. Verified identity is PLC-2 1772-P1. Do not invent ampere ratings. Confirm input jumper and fuse on the unit.

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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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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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.