

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Allen-Bradley 1756-PA72

Product Reference

ControlLogix standard AC chassis power supply

DOCUMENT SCOPE

Apter Power product reference prepared from product-specific Rockwell Automation technical information. Confirm the complete product identity and installed-system requirements before use. No product photograph is included.

Product / lookup identity	Allen-Bradley 1756-PA72
Reference number	1756-PA72
Document basis	Rockwell Automation technical documents listed on page 3



Product page

<https://www.apterpower.com/Allen-Bradley/1756-pa72>
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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

Allen-Bradley 1756-PA72 is a standard 120/240 VAC ControlLogix chassis power supply with 75 W maximum backplane output. Its documented hardware function is ControlLogix standard AC chassis power supply. System context: ControlLogix standard AC chassis power supply.

Technical parameter	Technical value
Input	120/240 VAC, 50/60 Hz
Input rating	100 VA, 100 W
Maximum output	75 W
24 VDC capacity	2.8 A
5.1 VDC capacity	10 A
3.3 VDC capacity	4 A
1.2 VDC capacity	1.5 A

System function and signal path

01	System Inputs: ControlLogix standard AC chassis power supply
02	Processing: Allen-Bradley 1756-PA72 is a standard 120/240 VAC ControlLogix chassis power supply with 75 W maximum backplane output.

Applications, answers, and official sources

1

1756-PA72 installed-base maintenance: Supports like-for-like service of the documented ControlLogix standard AC chassis power supply.

2

1756-PA72 compatibility review: Checks host hardware, revision, companion components, wiring and configuration before replacement.

3

1756-PA72 installation planning: Defines isolation, ESD, mounting, connection and parameter checks before field work.

4

1756-PA72 commissioning: Supports controlled diagnostic, channel, communication or process-response checks after installation.

Frequently asked questions

What is 1756-PA72?	1756-PA72 is a ControlLogix standard AC chassis power supply.
Which system uses 1756-PA72?	Use 1756-PA72 only in the manufacturer system and hardware arrangement stated in the technical parameters and installation notice on this page.
How do engineers confirm 1756-PA72 compatibility?	Match the complete 1756-PA72 label, hardware revision, host platform, companion hardware, connector and project configuration before replacement.
What should be checked before installing 1756-PA72?	Isolate energy, verify wiring and connector orientation, protect the hardware from ESD and compare every field connection with the approved drawing for 1756-PA72.
What commissioning test is required for 1756-PA72?	Restore power in a controlled sequence and verify status, diagnostics, channel or output response, alarms and the intended process function of 1756-PA72.
How should a technician troubleshoot 1756-PA72?	Record indicators, diagnostics, field measurements, configuration, companion hardware and the operating event before deciding whether 1756-PA72 is faulty.

Official Rockwell Automation sources

ControlLogix Power Supplies Technical Data	https://literature.rockwellautomation.com/idc/groups/literature/documents/td/1756-td005_-en-e.pdf
ControlLogix Power Supply Installation Instructions	https://literature.rockwellautomation.com/idc/groups/literature/documents/in/1756-in619_-en-p.pdf