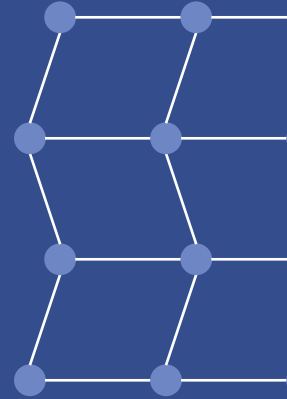


Allen-Bradley 1756-L82E/B

Product Reference

ControlLogix 5580 controller, Series B



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-L82E/B
Reference number	1756-L82E/B
Document basis	Rockwell Automation technical documents listed on page 3



Product page

<https://www.apterpower.com/Allen-Bradley/1756-l82e-b>
Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

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

Allen-Bradley 1756-L82E/B is a Series B ControlLogix 5580 controller with 5 MB user memory and one built-in 10/100/1000 Mbps EtherNet/IP port. Its documented hardware function is ControlLogix 5580 controller, Series B. System context: ControlLogix 5580 controller, Series B.

Technical parameter	Technical value
Controller family	ControlLogix 5580
Series	B
User memory	5 MB
EtherNet/IP ports	1
Ethernet rate	10/100/1000 Mbps
USB	1 USB 2.0 Type B port
Slot width	1

System function and signal path

01	System Inputs: ControlLogix 5580 controller, Series B
02	Processing: Allen-Bradley 1756-L82E/B is a Series B ControlLogix 5580 controller with 5 MB user memory and one built-in 10/100/1000 Mbps EtherNet/IP port.

Applications, answers, and official sources

1 1756-L82E/B installed-base maintenance: Supports like-for-like service of the documented ControlLogix 5580 controller, Series B.

2 1756-L82E/B compatibility review: Checks host hardware, revision, companion components, wiring and configuration before replacement.

3 1756-L82E/B installation planning: Defines isolation, ESD, mounting, connection and parameter checks before field work.

4 1756-L82E/B commissioning: Supports controlled diagnostic, channel, communication or process-response checks after installation.

Frequently asked questions

What is 1756-L82E/B?	1756-L82E/B is a ControlLogix 5580 controller, Series B.
Which system uses 1756-L82E/B?	Use 1756-L82E/B only in the manufacturer system and hardware arrangement stated in the technical parameters and installation notice on this page.
How do engineers confirm 1756-L82E/B compatibility?	Match the complete 1756-L82E/B label, hardware revision, host platform, companion hardware, connector and project configuration before replacement.
What should be checked before installing 1756-L82E/B?	Isolate energy, verify wiring and connector orientation, protect the hardware from ESD and compare every field connection with the approved drawing for 1756-L82E/B.
What commissioning test is required for 1756-L82E/B?	Restore power in a controlled sequence and verify status, diagnostics, channel or output response, alarms and the intended process function of 1756-L82E/B.
How should a technician troubleshoot 1756-L82E/B?	Record indicators, diagnostics, field measurements, configuration, companion hardware and the operating event before deciding whether 1756-L82E/B is faulty.

Official Rockwell Automation sources

ControlLogix and GuardLogix Controllers Technical Data	https://literature.rockwellautomation.com/idc/groups/literature/documents/td/1756-td001_-en-p.pdf
--	---