1756-L64

Allen-Bradley ControlLogix 5560 / ControlLogix 5564 Controller

Official-source technical excerpt

Product Identification

Complete catalog number	1756-L64
Brand	Allen-Bradley / Rockwell Automation
Product description	ControlLogix 16 MB Memory Controller
Controller designation	ControlLogix 5564
Series	B
Lifecycle	Discontinued June 1, 2017

Controller Memory and Firmware

Data and logic memory	16 MB
I/O memory	478 KB
Nonvolatile memory	Optional Industrial CompactFlash card
Minimum firmware	Revision 16 or later for 1756-L64 Series B
Available official firmware	Version 20.019 is listed in the Rockwell Automation Product Compatibility and Download Center

Electrical, Mechanical and Environmental Data

Backplane current	1.20 A at 5.1 V DC; 14 mA at 24 V DC
Power dissipation	3.5 W
Thermal dissipation	11.9 BTU per hour
Weight	Approximately 0.35 kg (12.4 oz)
Dimensions	Not explicitly stated for 1756-L64 in publication 1756-IN101F-EN-P
Enclosure	None, open-style equipment
Operating temperature	0 to +60 degrees C
Storage temperature	-40 to +85 degrees C
Relative humidity	5 to 95 percent, noncondensing
Vibration	2 g at 10 to 500 Hz
Shock	30 g operating; 50 g nonoperating

Interfaces and Installation Selection

Controller interface	Front-panel RS-232 serial port
Serial programming cable	1756-CP3 or 1747-CP3
Network interfaces	Provided through separately selected ControlLogix chassis communication modules
Replacement battery	1756-BA2
Isolation	30 V continuous basic insulation, RS-232 port to system; type-tested at 707 V DC for 60 seconds

Official Document References

Rockwell Automation publication **1756-IN101F-EN-P**, June 2008: page 8 identifies 1756-L64 as ControlLogix 5564 Series B; page 16 specifies firmware revision 16 or later; pages 41-48 provide controller, environmental and certification data. The Rockwell Automation 1756-L64 product page confirms the 16 MB product description and discontinued lifecycle status.

Official PDF: https://literature.rockwellautomation.com/idc/groups/literature/documents/in/1756-in101_-en-p.pdf

Official product page: https://www.rockwellautomation.com/en-us/products/details.1756-L64.html

This file is a concise official-source excerpt for the exact 1756-L64 model. It does not replace the complete Rockwell Automation publication or product label.