

Allen-Bradley 1747-M15

The Allen-Bradley 1747-M15 is a SLC 500 Memory Module Adapter. This Memory Module Adapter has EEPROM Memory Type. Technical specifications for 1747-M15

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1747-M15

Series SLC 500

Module Type Memory Module Adapter

Memory Type Flash

Memory 64 kilobytes

User Memory 64,000 Words

Program Scan Time 0.9 milliseconds

I/O Scan Time 0.225 milliseconds

I/O Chassis 3

Chassis Module Slots 30

Communication Ethernet, RS-232

Backup Memory Flash Description

The 1747-M15 adapter socket is a memory adapter socket from Allen-Bradley. The socket measures 6 inches by 6 inches by 3 inches and it has a weight of 2 pounds. The 1747-M15 adapter socket is required when using the commercial PROM programmers to program and erase memory modules in industrial settings. The memory module fits into the adapter socket and then the socket fits into the ZIF (zero insertion force) socket on the PROM programmer. Note that the 1747-M15 adapter socket supports the Allen-Bradley SLC 5/05, SLC 5/04, and SLC 5/03 processors that accommodate the Allen-Bradley 1747-M13 memory module. A major difference between the SLC processors is their communication features. For example, the SLC 5/03 features a built-in RS-232 channel that helps in connecting external intelligent devices to the machine, the SLC 5/04 has a DH+ port to facilitate high-speed communication, and the SLC 5/05 uses standard Ethernet communications.

The Allen-Bradley 1747-M15 memory adapter socket supports a flash EEPROM unit that has a capacity of 65 kilobytes. Additionally, the memory socket has a program scan time of 0.9 milliseconds. Since the 1747-M15 adapter socket is a memory socket, it is sensitive to electrostatic discharge. Therefore, when handling the socket, proper grounding measures should be observed. This may include wearing a grounded wrist strap or working in an environment that is free from electrostatic discharge. The 1747-M15 adapter socket operates in an environment with a surrounding relative humidity ranging from 5% to 95% without condensation. The 1747-M15 adapter socket is part of the Allen-Bradley 1747 SLC 500 control platform. Therefore, like other devices in this family, the 1747-M15 adapter socket has an operating temperature range of between 0 and 60 degrees Celsius, a storage temperature of between -40 and 85

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degrees Celsius, and an operating shock of 1 G at a frequency of between 5 and 2000 Hertz.



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