MICROLOGIX 1500

Product Data Sheet

1764-MM2

Sixteen kilobyte program memory module

CAPACITY	PROGRAMS	PROCESSORS	CLOCK
16K	**One at a time**	**1764-LSP / LRP**	**Not included**

Allen-Bradley 1764-MM2 is a 16K memory module for MicroLogix 1500 controllers. It stores one user program with associated data and provides a portable backup and transfer medium for compatible 1764-LSP and 1764-LRP processor arrangements. The MM2 designation identifies the memory-only version, without the real-time clock of MM2RTC.

01 TECHNICAL DATA

Memory capacity	16K
Compatible processor units	1764-LSP and 1764-LRP
Programs retained	One user program at a time
Backup contents	User program and data
Program comparison	Supported
Data-file download protection	Configurable, per data file
Write-protection behavior	Software-enabled write-once/read-many
Powered insertion and removal	Supported; recognition restrictions apply
Recognition after insertion during execution	After power cycle or entry into non-executing mode
Transfer indication	Controller RUN LED flashes

Allen-Bradley MicroLogix 1500 User Manual 1764-UM001B-EN-P; memory-module pages 1-4, 2-20/21 and 6-3/5

02 ADDITIONAL PRODUCT DATA

Module identification diagnostics	Memory Module Information (MMI) file
Identification fields	Catalog number, series, revision and module type
Real-time clock	Not included; MM2RTC is a separate variant
Operating temperature	0 to 55 C
Controller programming software	RSLogix 500; revision depends on controller firmware

03 PRODUCT FUNCTION

Memory-module operation includes program comparison, configurable data-file download protection and software-enabled write protection. If inserted while the controller is executing, the module is not recognized until a power cycle or a transition to a non-executing mode. During a module-to-controller transfer, the controller RUN indicator flashes.

04 SYSTEM COMPATIBILITY

Use the 16K module for one stored user program and its associated data. Review data-file download protection before a transfer because protected files can retain controller data rather than accepting module contents. Set program comparison and write protection intentionally in the programming environment; these are configuration features rather than automatic proof that the stored project matches the running installation.

05 REFERENCE

Allen-Bradley MicroLogix 1500 User Manual 1764-UM001B-EN-P; memory-module pages 1-4, 2-20/21 and 6-3/5

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