

1747-DCM/A

Allen-Bradley (Rockwell Automation) · SLC 500 / Bulletin 1747

The 1747-DCM is a Direct Communication Module (DCM) for the SLC 500 that appears as an RIO adapter on an RIO communication link, enabling data exchange between a supervisory PLC (such as a PLC-5) and distributed SLC 500 processors. It passes supervisory data to the distributed SLC processor and does not scan the local I/O chassis itself. The module is configured via DIP switches and supports multiple RIO baud rates.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1747-DCM/A

Base Catalog: 1747-DCM

Series Suffix: A

Product Type: Direct Communication Module (RIO Adapter)

Product Family: SLC 500 / Bulletin 1747

Model-Specific Specifications:

RIO adapter

360 mA @ 5V DC backplane

57.6 / 115.2 / 230.4 kbps

Belden 9463 cable

6-pin Phoenix connector

up to 32 adapters

0-60 C

Series / Family Common Specifications:

Modular systems mount modules in a 1746 chassis (1746-A4/-A7/-A10/-A13) with 4/7/10/13 slots; all chassis are panel-mount.

The 1746 chassis backplane supplies 5.1V DC @ 10A and 24V DC @ 2.88A power bus to all modules.

Family operating temperature 0 to 60 C; storage -40 to 85 C; 5-95% RH non-condensing.

I/O modules draw 5V DC logic via backplane; field-side load power needs an external supply.

Removable terminal blocks for field wiring; Bulletin 1492 pre-wired interface available.

Not hot-swappable: do not install/remove/wire with power applied. Slot 0 reserved for processor or 1747-ASB adapter.

Lifecycle Status: Discontinued

Discontinuation Date: Not specified (SLC 500 / 1747 platform obsolete)

Recommended Replacement: Migrate to CompactLogix 5370/5380 (no direct SLC drop-in; ControlNet/EtherNet adapters available)

www.AutoDCSTech.com