

1747-SN/B

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

The Allen-Bradley 1747-SN is a Remote I/O (RIO) scanner / DH+ network interface module for the SLC 500 platform. It enables an SLC processor to communicate with remotely located 1746 I/O chassis and other RIO-compatible devices over the A-B Remote I/O link, and also supports Data Highway Plus (DH+) networking. The /B denotes Series B firmware.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1747-SN/B

Base Catalog: 1747-SN

Series Suffix: B

Product Type: Remote I/O Scanner / DH+ Network Interface Module

Product Family: SLC 500 / Bulletin 1747

Model-Specific Specifications:

Remote I/O scanner + DH+ interface

RIO baud 57.6/115.2/230.4 Kbps

up to 4 logical racks (32 in/32 out words) discrete, plus block transfer up to 64 words (Series B)

max RIO distance 3048m

DH+ node addressing via DIP switch

backplane 600 mA @ 5V DC (90 mA @ 24V DC)

0-60 C

single SLC 500 chassis slot

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: 2024-03-31

Recommended Replacement: Engineering Replacement (5069-AENTR)

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