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

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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)