1747-L542/B

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

The Allen-Bradley 1747-L542 is an SLC 5/04 processor for the SLC 500 modular platform with 32K words of user memory. It provides integrated RS-232 and Data Highway Plus (DH+) communication ports and installs in slot 0 of an SLC chassis.

Manufacturer: Allen-Bradley (Rockwell Automation)
Brand: Allen-Bradley
Part Number/Catalog No.: 1747-L542/B
Base Catalog: 1747-L542
Series Suffix: B
Product Type: Processor / Controller
Product Family: SLC 500 / Bulletin 1747

Model-Specific Specifications:
32K words user memory
RS-232 + DH+ ports
up to 4096 I/O
1A @ 5V DC, 175 mA @ 24V DC
0.9 ms/K scan
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 V DC @ 10A and 24 V 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.

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Lifecycle Status: Discontinued
Discontinuation Date: 2024-03-31
Recommended Replacement: Engineering Replacement (migrate to 5380)