



AlphaServer 4000 & 4100 Enclosure

Configuration Information

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BA30P and H9A10-EB SERIES Cabinets, For-Use-With Configuration Document

This document is provided as part of the Listed Accessory approval from Underwriters Laboratories. It defines what products have been evaluated and qualified for use within these cabinets with regards to their continued safe operation, as evidenced by their UL Listed or Listed Accessory test mark. Deviation from these qualified products is not covered by Underwriters Laboratories or by Digital Equipment Corporation and becomes the sole liability of the party making such modification.

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FOR USE WITH -

The H9A10-EB Series of cabinets is a Listed Accessory whose continued safe operation is dependent upon use with specific products and/or options. The following is a list of products and options which have been tested for use within these cabinets:

- BA30X SERIES; the AS4000 and AS4100 system boxes
- 300 SERIES Storage Shelves; one or two power supplies and up to six storage devices, each contained within a plug-in Listed Accessory SBB brick. An enclosed personality card (control module) may also be present.
- System Manager option; H4020-AA. Reference EK-RSMC-IN manual which accompanies each H4020-AA.
- Optional UPS units; Floor-standing units may be ordered separately for BA30P (pedestal). For rack mount, the UPS unit is available integrated from the factory only and must be specified with the initial order. Please reference the SOC. As an advisory to users seeking their own solution, any unit selected for rack mount must have the following:
 - ..approvals by UL (UL1778, UL1950) and/or CSA (C22.2, No.107.1), plus European approval (EN50091, EN60950) to support CE mark where applicable AND
 - ..non-detachable power cord with industrial rated AC-input connector (e.g.: NEMA L5-30P, or IEC309) suitable for high leakage currents AND
 - ..provision for shutdown within 5-minutes of AC power being removed or activation of the facility remote emergency power off circuit, as required by NFPA-70, 645-11 and CEC, 14-700 .

STABILITY -

For BA30P Series, stability is not an issue. The H9A10-EB Series includes both old and new variations of cabinet design.

- Models H9A10-EB,-EC have a ruggedized base and use a bolt-on steel weldment which expands the cabinet footprint for stability. Each system box extends frontward for CPU/MEM access and rearward for access to PCI modules.

- Models H9A10-EL,-EM have a front stabilizer leg which must be extended before a system box can be accessed. A physical interlock at the rear of the cabinet exists such that only one system box can be extended at a time. Each system box extends forward far enough for all module slots to be accessed.

Minimum Configuration and Use of Counter-weights: The minimum configuration consists of a single BA30X Series system box and a single 300 Series Storage Shelf containing one power supply and one storage brick. Given this minimum configuration, no counter-weights are required.

CONFIGURATION RULES -

- H9A10-EB,-EC, are metric and RETMA cabinets, both using friction slides. Technical information is available upon request.

- H9A10-EL,-EM are RETMA cabinets only and use ball bearing slides. See CIP AS4000/4100 Integration Manual web page noted below.

TECHNICAL REFERENCES -

Integration of these products should not be attempted by the end-user or their agents unless proper lift apparatus, training and documentation are provided. These web pages are provided for use by skilled service persons to guide them during field integration of the cabinet system:

<http://www.businesslink.digital.com>

CIP AlphaServer 4000/4100 Integration Manual found at

<http://www.businesslink.digital.com/cip/mfg/docs/doc1.html>