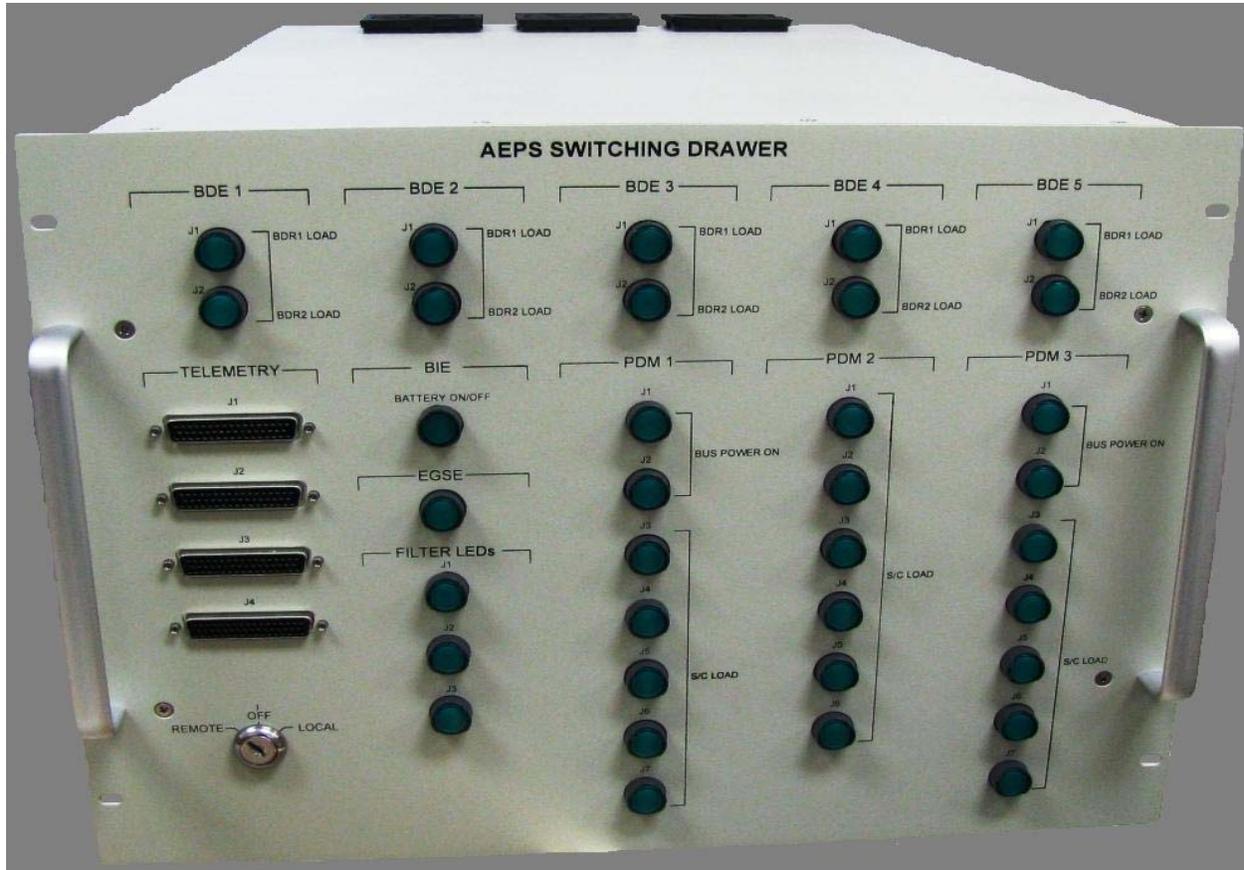


AEPS - SWITCH DRAWER



CNI created a custom design for this Switching Box which met and exceeded the customer's unusual requirements. This high amperage, DC voltage application included the simulation of filters and batteries. CNI designed and acquired multiple small Printed Circuit Boards to fulfill the needs of this unique application.

SWITCHING REQUIREMENTS

- Individual relay control of 150 Amps
- Auxiliary contacts to verify relay operation
- Local, Remote and Disabled modes with lockout
- Less than 100 milliohms, contact resistance
- Switchable Filtering

MONITORING REQUIREMENTS

- LEDs in pushbuttons indicate state of relays for all modes
- Ethernet relay state queries available for all modes
- Test Points brought to front panel D-sub

SYSTEM DESCRIPTION

- Switch Drawer – 30 Channels up to 150 Amps
- Custom Enclosure – 19" Rack Mount
- Custom Front & Rear Panel I/O Connectors
- Local & Remote Operation

SYSTEM SPECIFICATIONS

- Rack Mountable 19"W x 14"H x 22"D Enclosure
- Front Panel Local Operation – pushbutton switching indicators
- Remote mode via VXI-11 standard Ethernet protocol

COMPLETE NETWORKS, INC.

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