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# HDX™

## Compact DC Power Distribution Center



- 2RU 19"/23" DC power distribution system
- Single & dual input versions available
- Includes 16 AM circuit breaker positions
- 400A per bus
- Up to 100A maximum per circuit breaker size
- Two-hole lug high current bus bars for input and return terminations (supports large AWG input cable feeders)
- LEDs indicate status at a glance
- Form C alarm contacts for major and minor alarms
- Clear plastic termination cover for safety

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### **The Alpha® HDX™ is a compact DC distribution center for rack-mount telecom and broadband applications.**

The HDX compact DC power distribution center is offered in single and dual input 400A configurations and supports up to 16 AM circuit breakers. A hinged front cover protects breakers from nuisance tripping allowing for convenient front access breaker installation or removal. Breakers can be changed out in seconds to support equipment load and future configuration changes. Bright LEDs on the front of the panel provide bus status and breaker alarm status indication.

# HDX™ Compact DC Power Distribution Center Specifications

Electrical	
<b>Voltage:</b>	-48VDC
<b>Input Busses:</b>	Single, dual (A/B)
<b>Load Current Per Bus:</b>	400A
<b>Total Load Current:</b>	400A
<b>Alarm Contacts:</b>	Form-C, 60VDC @ 0.5A max
<b>Circuits:</b>	16
<b>Maximum Input Interruption Device:</b>	500A

Mechanical	
<b>Dimensions L x H x D (in/mm):</b>	17 x 3.5 x 12.5 / 432 x 89 x 318
<b>Weight (lb/kg):</b>	13 / 5.9

Environmental	
<b>Operating Temperature:</b>	0 to 45°C
<b>Humidity:</b>	0 to 95% RH non-condensing
<b>Elevation:</b>	-500 to 2000m
<b>Regulatory Compliance:</b>	<b>Safety:</b> ANSI/UL 60950-1

Model Configurations	
Part Number	Description
C016-450-10	HDX 400A; Dual Input (A/B); 16 (8A/8B) bullet breaker sockets
C016-451-10	HDX 400A Single Input; 16 bullet breaker sockets

Accessories	
Part Number	Description
C016-1651-10	Return adaptor kit for large lug support - applicable for all models and allows termination of 3/8 in. on 1 in. center-to-center input lugs; includes new rear cover

Compatible Circuit Breakers	
Part Number	Description
C470-235-10	10A
C470-402-10	20A
C470-403-10	30A
C470-407-10	40A
C470-400-10	60A
C470-406-10	80A
C470-404-10	100A
C470-271-10	200A, 2-pole



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