

# Westell® | Quick Connect DC Protection Panel

Dual 400A Bus, 1RU, 19" Rack Mount



## General Information

Westell's power distribution unit, the NPDCB400D8 Quick-Connect DC Protection Panel, offers some of the industry's highest amperages available in a compact high-density package. With dual 400A busses in a 1RU, 19" rack mount package, it is a perfect fit for the applications limited on space but yet need up to 65A power feeds.

Westell's newest DC protection panel addresses the evolving needs of network engineers, with the highest ampacity in the industry in its form and fit, and quick-connect outputs for unparalleled performance and usability.

Quick-connect outputs eliminate the need for lugs and screw-down termination and this design provides simple plug and play installation along with enhancing wire management within the rack.

## Product Highlights

- High input capacity of 400A per bus in a dual bus design enables the highest efficiency of power distribution in circuit breaker 1RU panel applications
- Maximum circuit breaker output capacity of 65A supported for each breaker position
- Automatic detection of installed circuit breakers eliminates the need for manual DIP switches
- Quick-connect output design allows for a stackable footprint to support optimized equipment layouts
- 240A at +60°C operation permits panel to be used in the most demanding inside plant environment with the highest performance and reliability
- 8x8 dual bus capacity supports moderate and high density 1RU 19" rack width applications
- Made in the USA from greater than 60% USA content, built and shipped from Aurora, IL



NPDCB400D8

## Key Applications

- Wireless to edge backhaul
- Centralized 5G BBU applications
- DC Servers and Routers
- MSO Aggregation Service Routers
- DC Data Centers

## Ordering Information

Part Number	Description
<b>Circuit Breaker Panel:</b>	
NPDCB400D8	Quick-Connect DC protection panel, dual bus, 400A/bus, Eight 65A CB outputs/bus, output connectors, 19/23" rack mount, 1RU
<b>Circuit Breakers:</b>	
509-200090	65A – Sensata CER
509-200091	60A – Sensata CER
509-200092	50A – Sensata CER
509-200093	40A – Sensata CER
509-200094	30A – Sensata CER
509-200095	20A – Sensata CER
<b>Plugs:</b>	
502-000426	Amphenol Plug 6-8 AWG
502-000459	Amphenol Plug 10-12 AWG
502-000460	Amphenol Plug 14-16 AWG



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## Product Specifications

Voltage	+/-24Vdc, +/-48Vdc
Input Bus	Dual
Current/Bus	400A @ 40C, 320A @ 50C, 240A @ 60C
Input Terminals	Dual stud 3/8-16 @ 1" C-C
Outputs/Bus	8
Current/Output	65A max rated - circuit breaker 50A max continuous - circuit breaker
Output Terminals	4.0 mm PRM connectors
Ground Terminals	Dual threaded-hole 1/4-20 @ 5/8" C-C
Alarms	LED @ front panel Dry-form C: NC, NO, C pins
Dimensions W x H x D	17" x 1.75" x 15.8"
Weight	~15 lbs, empty chassis
Compliance (Pending)	NRTL Listed to UL 62368-1 NEBS Level 3: Telecordia GR-63, GR-1089 pending
Color	Off-white



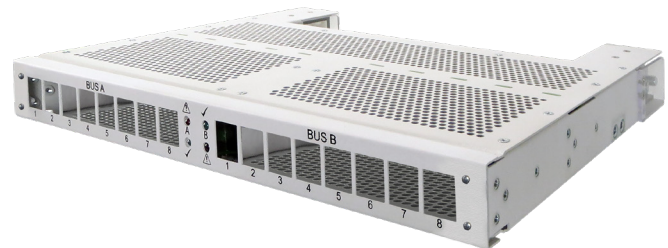
NPDCB400D8 Front with Empty Slots



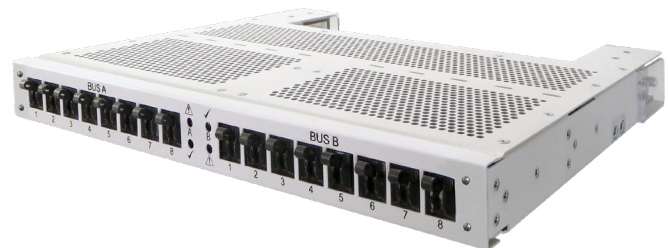
NPDCB400D8 Front with Breakers



NPDCB400D8 Rear Terminals



NPDCB400D8 as Shipped



NPDCB400D8 with Circuit Breakers Installed

