



an EnerSys company

CXPS-C RDB

Remote Primary Distribution Bay



- Remote primary distribution bay solution for MSC, CO, Data Center and Cable Headend facilities
- Total front access distribution (can be placed in a corner or against a wall)
- Improved cable management capabilities for multiple large 750MCM cables
- Integrated CXC HP controller for local & remote access
- Flexible circuit breaker and TPL fuse options designed to feed secondary/tertiary distribution
- Expandable distribution bays allow for easy and cost effective modular growth

The CXPS RDB is a remote distribution bay used within Telecom and Cable critical facility applications.

The RDB provides truly front access distribution capabilities allowing the user to place it in a corner or against a wall in space constrained facilities. Improved cable management features make the RDB an ideal solution for large primary fusing.

The integrated CXC HP controller provides the user with both remote and local access making it ideal for standalone applications. The RDB could also be used in conjunction with Alpha's highly successful CXPS-C system with interconnecting busging options enabling growth of existing embedded DC plants. Expandable distribution options enables a cost effective modular growth to the DC plant.

CXPS RDB Remote Primary Distribution Bay

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Consult your Alpha representative for P/N configurations

Electrical		
Distribution Bay Capacity:	3000A, 6000A	
Internal Bus Capacity:	6000A	
Distribution Bay	TPL Fuses:	Up to 24x 61-800A fuses
	Bolt-In Breakers:	Up to 42 poles
		1 pole up to 250A
		2 pole 275 to 400A
		3 pole 450 to 600A
		4 pole 650 to 800A
		5 pole 850 to 1000A
6 pole 1050 to 1200A		
Mechanical		
Dimensions:	84"H x 36"W x 28"D	
Weight:	408kg (900lbs)	
<p>Note: RDB Inter-bay bus connections available at 4000A with RDB on the left when equipped with internal ground bar ***Inter-bay bus connections at 4000, 8000 or 12000 amps available without RDB internal ground bar option.</p>		

Environmental	
Temperature:	0 to 40°C (32 to 104°F)
Humidity:	0 to 95% RH non-condensing
Elevation:	-500 to 2800m (-1640 to 9186ft)
System Level Alarms	
LED Indicator:	Bay indicator
	System ok (Green)
	Fuse/Breaker fail (Red)
Alarm:	Connections: 0.34 to 2.5mm ² (14 to 22AWG)
	Shunt Peripherals: Up to 42 shunt inputs
Remote Return Bar	
Mounting:	2" Auxiliary framing (customer supplied)
Termination:	124 sets of 2 hole 1/2" dia. on 1 3/4" centers or 3/8" dia. on 1" centers
Unit Capacity:	4,000A per bar
Ultimate Capacity:	3 bar limit (12,000A)
Agency Compliance	
Safety:	C/UL C22.2 No. 60950-1 NEBS Pending

