

The power behind competitiveness

Delta InfraSuite PDC

Power Distribution Cabinet

Flexible, easy-to-integrate power distribution

For power distribution requirements of medium to large data centers, Delta's Power Distribution Cabinet (PDC) provides an optimal solution. The space-saving PDC is easy to move and adapt to future reconfigurations of the data center. The PDC offers superior power protection and monitoring, and the flexibility & scalability to match your actual power distribution requirements. Not only does it improve availability, it reduces the cost of your initial investment.

Convenience

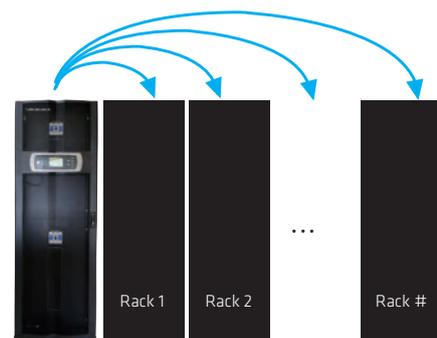
- Configurable circuit breaker panel
- LCD display supporting multiple languages
- Recording more than 500 event logs
- Monitoring the current of each branch circuit breaker
- Built-in RS232 interface for remote monitoring
- Six built-in contact closure outputs
- Two built-in SNMP interfaces increasing availability

Safety

- Local and remote emergency power off functions
- Current unbalance and phase sequence error alarm
- Optional K-factor isolation transformer enhancing safety and reduces harmonics
- Optional lightning surge protection module

Availability

- Easy to relocate, reducing investment costs
- Two built-in sets of panelboards with 42 poles each
- Optional transformers for different output voltages
- Hot-swappable output breaker



Scalable and configurable for present and future demands.

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Technical Specifications

Model		PDC 80	PDC 125
Capacity		80 kVA	125 kVA
Input	Rated voltage	220/380 Vac, 3 phase 3 wire+ ground, or 3 phase 4 wire+ ground	
	Voltage tolerance range	±15%	
	Frequency	50 / 60 Hz ±5% (Automatic detection)	
Output	Rated voltage	220/380 Vac, 3 phase 4 wire+ ground	
	Total switching capacity	Based on actual product specifications	
	Panelboard type	Two sets of panelboards with 42 poles each	
	Shunt switch type	Hot-swap switch capacity: 15 / 20 / 30A, Optional: 1/2/3 pole	
Transformer	Input-Output Type	Δ-Y	
	Efficiency	97.5% (Full-load)	
LCD Display	System	Temperature, ground current, system overheat alarm, V-Loss alarm, voltage imbalance alarm, ground fault alarm	
Blue light 4.9" graphic interface	Input	Phase voltage, line voltage, phase current, line current, load(%), iTHD, total kVA, total kW, total kWh, Over voltage/over current alarm, under-voltage/ under current alarm, Over line current alarm, iTHD abnormal alarm	
	Total output	Phase voltage, line voltage, phase current, line current, frequency, neutral current, load(%), kVA, kW, kWh, power factor, VTHD, iTHD, Over voltage/over current alarm, under-voltage/under current alarm, Over line current alarm, iTHD abnormal alarm, VTHD abnormal alarm, power factor abnormal alarm	
	Output shunt plate	Phase current, kVA, kW, kWh, load (%), iTHD, power factor, line current, over current alarm, under current alarm, Over line current alarm, iTHD abnormal alarm, power factor abnormal alarm	
	Output shunt	Current, load (%), over current alarm, under current alarm	
	Temperature	Environment (instant and alarm), transformers (two stage-alarm)	
Conformance	Environment	CE	
	Electromagnetic interference	EN55022	
Communication interface		RS232 x 1, dry contact x 6, SNMP slot x 2	
Optional accessories		Lightning protector	
Dimensions (WxDxH)		600 x 1090 x 2000mm (standard 19" cabinet)	
Weight		Excluding transformer: 225kg	
		Including H transformer: 80kVA: 525 kg, 125 kVA: 630 kg	

• All specifications are subject to change without prior notice.

