

Edge-DC-48VDC Power Distribution Unit



The nVent Edge-DC-48VDC Power Distribution Unit (DCDU) is designed to provide efficient, safe, and reliable power distribution for telecom and edge computing environments. This unit ensures optimal performance and protection for your critical infrastructure.

FUNKTIONER

High Power Capacity: Robust 250 A 48 VDC input

Blind Mating Capability: Supports switched and metered DC Modules from 10 A to 60 A

Circuit Breaker Trip Alarm: Immediate notification for enhancing response times

Compliance with Industry Standards: UL/CE certified

Hot Swappable Breakers with Precise Metering: For energy, power, current, and voltage at both input and device levels

Granular Control with Device Level Switching: Management of individual devices for optimized performance

Billing Grade Monitoring: Identification of potential system failures

Smart Alerting System: Informs about overcurrent, overvoltage, undervoltage, and other threshold breaches

Controller Interface: TCP or IP network connection

Local Management: Features front panel push-button to toggle module output. Panel status LED indicator quickly relays module information to local user



SPECIFIKATIONER

Table 1/2

Katalognummer	Product Type	Circuit Breaker	Circuit Breaker Quantity	Dybde	Indgangsspænding DC	Metering Type
21280-001	Power Distributor	- 48 VDC 60 Amp, - 48 VDC 35 Amp	10	410mm	-48V min	Outlet
21280-002	Power Distributor	- 48 VDC 60 Amp, - 48 VDC 35 Amp	8	410mm	-48V min	Outlet
21280-003	Power Distributor	- 48 VDC 35 Amp	8	410mm	-48V min	Outlet

Table 2/2

Katalognummer	Number of Switched Outlets	Rack Height	Rack Width	Rated Current	Type
21280-001	(2) 60 A, (8) 35 A	3U	84HP	250A	- 48 V DCDU

Katalognummer	Number of Switched Outlets	Rack Height	Rack Width	Rated Current	Type
21280-002	(4) 60 A, (4) 35 A	3U	84HP	250A	- 48 V DCDU
21280-003	(8) 35 A	3U	84HP	250A	- 48 V DCDU

YDERLIGERE PRODUKTOPLYSNINGER

For exact configuration please refer to the item(s) delivered table.

ADVARSEL

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