

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.

CARACTERÍSTICAS

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



ESPECIFICAÇÕES

Table 1/2

Número de catálogo	Product Type	Circuit Breaker	Circuit Breaker Quantity	Profundidade	Tensão de entrada 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

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

Número de catálogo	Number of Switched Outlets	Rack Height	Rack Width	Rated Current	Tipo
21280-002	(4) 60 A, (4) 35 A	3U	84HP	250A	- 48 V DCU
21280-003	(8) 35 A	3U	84HP	250A	- 48 V DCU

DETALHES ADICIONAIS DO PRODUTO

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

AVISO

Os produtos nVent devem ser instalados e utilizados apenas conforme indicado nas fichas de instrução do produto e materiais de treinamento da nVent. As fichas de instrução estão disponíveis em www.nVent.com e com nossos representantes de atendimento ao cliente nVent. A instalação inadequada, uso incorreto, aplicação incorreta ou outra falha qualquer em seguir completamente as instruções e avisos da nVent podem levar ao mau funcionamento do produto, danos à propriedade, lesões corporais graves e morte, e/ou anular sua garantia.

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