Vertiv™ NetSure™ External Distribution Box (EDB)

VERTIV

Overview

The Vertiv™ NetSure™ External Distribution Box (EDB) accommodates both DC distribution and fiber distribution in a single convenient enclosure. Aluminum construction helps protect against vandalism and harsh environmental conditions, while knockouts and grommets provide convenient cable entry.

The enclosure includes (2) individually fed 26-position DC distribution panels. The fiber chamber provides 48 ports for termination and a spool for fiber slack management. Integrated fuse alarm cards allow you to easily connect circuit breaker alarms back to the Vertiv™ NetSure™ NCU controller.

- UL 2416 Certified

- Accepts -48VDC or -58VDC input

- Mounts to Unistrut assemblies, walls, or H-frames

- Bottom cable entry/exit for DC feeds, power and fiber trunk cables, and alarm wiring

- Convenient cable management

The Vertiv™ NetSure™ External Distribution Box securely adds DC power distribution and fiber capacity to macro base stations at 5G cell sites.

Technical Specifications

Electrical

Input/Output Voltage	-48 VDC or -58 VDC (nominal)
Maximum Input Current	480 A (240 A per panel)
Circuit Breaker Alarms	Form C alarm relay contacts

Environmental

Operating Temperature	-40°C to 46°C ambient
Relative Humidity	0 to 95%, non-condensing

Standards Compliance

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Safety	UL Listed to UL 62368-1 (2nd Edition), UL Subject 1801, and CAN/CSA C22.2 No. 62368-1-14 (2nd Edition)

Mechanics

Dimensions (H x W x D)	60.82" x 40.00" x 9.12"
Weight	135 lbs.
Color	Cool White

Ordering Information

Vertiv Part Number	Description
F1011259	Vertiv™ NetSure™ EDB, 2 x 26-position DC CB, fiber, 0 LVD
F1011265	Vertiv™ NetSure™ EDB, 2 x 26-position DC CB, fiber, 1 LVD
F1011266	Vertiv™ NetSure™ EDB, 2 x 26-position DC CB, fiber, 2 LVD
F1011267	Vertiv™ NetSure™ EDB contactor kit for low voltage disconnect
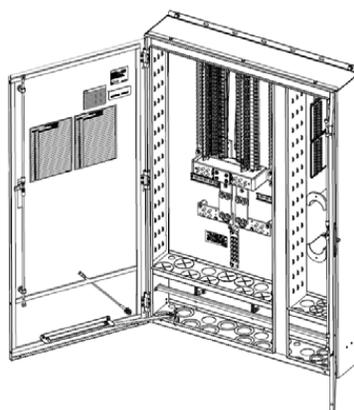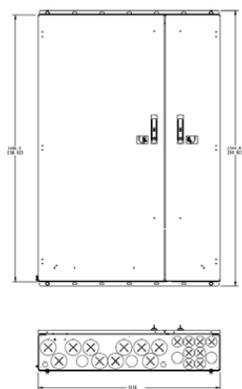
Features

- 52 distribution positions for -48 VDC or -58 VDC

- Low-voltage disconnect available in one or both panels

- 48-port fiber connection

- Coil for fiber slack storage

- Cable management throughout power and fiber chambers

Benefits

- House power and fiber distribution together in a convenient external enclosure

- Simplify radio installation and maintenance by moving power and fiber connections outside of your shelter

- Save energy with cool white paint finish that absorbs less heat from the sun and eliminates need for active cooling

- Use a separate compartment for trunk cable entrance and management

- Easily route cables through multiple entry points in a variety of sizes

Application

The Vertiv™ NetSure™ External Distribution Box (EDB) offers both DC distribution and fiber distribution in a single convenient enclosure to meet your macro base station needs at 5G cell sites.

Warranty Overview

Standard warranty is one year, parts only.

OE-12631 (R07/22)