Vertiv™ NetSure™ DC Distribution Panel

48 VDC, 200A, 1U

Benefits

Compact distribution panel supporting 12 pluggable circuit breakers with front access connections for quick and easy installation

- **Rapid deploymen**t - easy to install due to small size and low weight

- **Easy front access** - all cabling can be done from the front of the unit

- **Configurable** - 12 pluggable load miniature circuit breakers (MCBs)

- **Secure** - Avoid unexpected downtime with built-in surge protection

Description

The Vertiv™ NetSure™ Distribution Panel is perfect for applications requiring supplemental load distribution MCBs where available rack space is limited. This compact 1U high panel mounts in a 19" rack and all cabling access terminals are on the front of the panel. A built in surge protection device (SPD) protects connected equipment from harmful voltage spikes. Alarms for tripped MCB and SPD are available via terminal block on the front of the panel.

Application

Upgrading existing sites often requires supplemental load distribution MCBs, especially when upgrading radio base station sites with Remote Radio Heads (RRH). The NetSure™ Distribution Panel is perfect for such applications due to its compact size, ensuring it will fit in the existing rack infrastructure at the site. The NetSure Distribution Panel is also ideal for use in new deployments where rack space is limited.

Specifications

Physical Characteristics

Mounting	Standard 19" rack
Dimensions (H x W x D)	43.4 x 482 x 260
Weight	≤ 4.8kg, fully equipped with breakers

Environmental

Temperature Range	-40°C to +55°C
Relative Humidity	5 – 95 %
Protection	IP20
Safety Compliance	IEC/EN 62368-1, CE
RoHS Compliance	Directive 2011/65/EU and revised directive (EU) 2015/863

Input

Voltage	48 VDC nominal
Current	Max 200A
Input termination	M8 bolts for cable lug
Earth Connection	M6 bolt for cable lug

Output

Voltage	48VDC nominal
Current	Max 200A
Load MCB's	12 positions, plug-in type, availible in range 6A – 63A
Output Termination	Direct to MCB, spring loaded quick connectors support up to 10 mm² wire size
DC SPD	Yes, 15 kA @ 8/20 μs pulse
Alarm Supervision	Yes, load breaker tripped and DC SPD alarm via terminal block

Ordering Information

Part Number	Description
BMG100002-2	48 VDC, 200A, 1U

Accessories

Part Number	Description
10011905	6A, plug-in load breaker
10011906	10A, plug-in load breaker
10011907	16A, plug-in load breaker
10011908	20A, plug-in load breaker
10011910	25A, plug-in load breaker
10011911	32A, plug-in load breaker
10011912	40A, plug-in load breaker
10011914	50A, plug-in load breaker
10011916	63A, plug-in load breaker
60171212	Cover panel for unused load breaker positions