

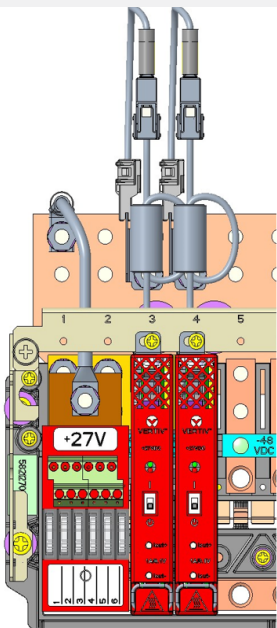
# +27 VDC Vertiv™ eSure™ Bullet Converter

C48/27-375B



## Benefits

- Instantly supply power to remaining +24 VDC eSure loads by plugging this device directly into the existing distribution panel
- Leverage room for revenue generating equipment since additional rack space is not used
- Avoid adding a separate bulk or multi-output converter shelf
- Achieve conversion efficiency greater than 95%
- Use the existing load cables
- Ideal for upgrading legacy DC power plants



Vertiv™ eSure™ C48/27-375B Bullet Converter with  
+27 VDC Bullet Nose 6-Position GMT Fuse Board Kit

*Ideal for networks transitioning from LTE or earlier architectures to 5G.*

## Description

The +27 VDC Vertiv™ eSure™ C48/27-375B Bullet Converter is a 375W, +27VDC output converter with bullet terminals designed to provide +27 VDC power output to remaining +24 VDC Vertiv™ eSure™ loads after converting the primary -48 VDC/+24 VDC power system to a -48 VDC Vertiv™ eSure™/-58 VDC Vertiv™ eSure™ power system. It also functions as an overcurrent protection device for the circuit.

The compact design of the device fits in the palm of your hand and plugs directly into a DC distribution panel in the same position as a bullet circuit breaker. If needed, up to three units can operate in parallel to meet up to 750W of power demand.

The Vertiv™ eSure™ C48/24-375B is equipped with an enable/disable switch, a bi-color LED indicator and an alarm contact. Test points are provided to monitor the output current and an integrated branch circuit rated protection device is included.

The optional, +27 VDC 6-position GMT Fuse Board can be paralleled with the +27 VDC eSure™ Bullet Converter to provide up to (6) GMT load fuse positions. The Fuse board is located in the same panel as the converter and does not require extra space in the rack.

The +27 VDC eSure Bullet Converter maintains +24 V loads, e.g. NID operation through end of battery discharge. It is ideal for upgrading legacy DC power plants to support the increasing power requirements of 5G applications.



Vertiv™ eSure™ C48/27-375B Bullet Converter

## Technical Specifications

DC Input	C48/27-375B	10062803 (6) Position GMT Fuse Board Kit
Voltage	-42 VDC to -58 VDC, 48 VDC (nominal)	+27 VDC (nominal)
Maximum Current	10 A	27.8 A
<b>DC Output</b>		
Voltage	+27 VDC	
Maximum Power	375 W	750 W @ 40C; 600 W @ 65C
Maximum Current	13.9 A @ +27 VDC	27.8A
Peak Efficiency	95.8%	N/A
<b>Control and Monitoring</b>		
Visual Indications (on front)	A single bi-color LED indicates the operating status of the unit: •Green = Proper operation •Red = Alarm	Blown Fuse Indicator on GMT Fuse
Alarm Contact (on back)	Compatible with Vertiv bullet distribution panel	
Test Points (on front)	Enables output current measurement of the unit	N/A
<b>Environmental</b>		
Operating Temperature	-40°C to +75°C / -40°F to +167°F	
Storage Temperature	-40°C to +70°C / -40°F to +158°F	
Relative Humidity	0 to 90% non-condensing	
Altitude	-200 to 10,000 feet	
<b>Standards Compliance</b>		
Safety	UL 62368 Recognized Designed to meet GR3108 Class 2, NEBS Level III	The + 27 VDC Bullet Nose 6-Position GMT Fuse Board Kit is constructed of UL Listed or Recognized components. The board is included in the UL File of the compatible UL Listed parent power system into which it is installed.
EMC	FCC CFR 47 Part 15 (Class B radiated); Telcordia GR-1089-CORE Issue 8	
<b>Mechanics</b>		
Dimensions (H x W x D)	107.2 x 18.5 x 109.7 mm / 4.22 x 0.73 x 4.32 inches	100.8 x 38.1 x 82.1 mm / 3.97 x 1.5 x 3.35 inches
Weight	0.45 kg / 1.0 lbs	0.45 kg / 1.0 lbs

## Ordering Information

Part Number	Description
60147273	Vertiv™ eSure™ C48/27-375B Bullet Converter
10062803	+27 VDC Bullet Nose 6-Position GMT Fuse Board Kit

Note: A mounting kit is required for installing 60147273 and 10062803 based on the host power system. Please contact Vertiv for information.