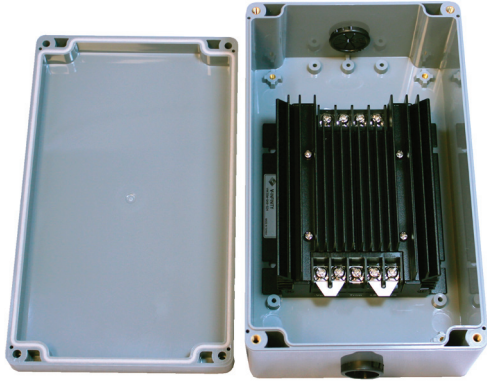


DC to DC Voltage Converter Kit



Kit includes power converter, housing, mounting hardware, and wiring diagram.

Main Features

- Up to 50 watt isolated output
- 4:1 input range (18~75) V
- Single output current 2.08 amps
- 1,500 V isolation
- Integrated heat sink
- Over current, over temperature, over voltage, and short circuit protection

Overview

Use the TRACcess® DC to DC Voltage Converter Kit in new construction or to retrofit existing sites. It is compatible with -48 V power input. The self-contained converter kit includes the necessary components to install and wire TRACcess door-locking devices.

Features

Easy installation — The components required for a retrofit or new installation are included in one self-contained unit.

Protection — Over current, over temperature, over voltage, and short circuit protection are incorporated into the voltage converter.

Operations

Installers working with -48 V power should take particular care to make sure that the grounds are connected correctly. Installation instructions with diagrams are included with the converter kit.

Specifications

Power Input

- Operating input voltage: 18-75 Vdc

Power Output

- Output voltage: 24 Vdc
- Output current: 2.08 A
- Output power: 50 W
- Adjustability: +/- 10%

Physical

- Dimensions (WxHxD): 4.75 x 7.87 x 3.0 in (121 x 200 x 76 mm)

Environmental

- Operating Temperature: -40° to 185°F (-40° to 85°C)
- Storage Temperature: -67° to 221°F (-55° to 105°C)

Protections and Safety

- Short circuit protection: continuous
- Isolation voltage: 1,500 Vdc
- Isolation resistance: 100 MΩ

Regulatory and Certification:

- RoHS compliant
- UL-Recognized power converter is enhanced with heat sink and housing

Order Information

- PN 002172 Power Supply, NEG48 to POS24 Volt Converter Kit



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