

SKU: 0310-1867
Category:

1RU Fan Tray Unit

The Tellabs 1000 1RU Fan Tray is a compact forced air cooling module. You can control the speed of the fans and the fan activation and deactivation temperatures. The fan tray rack-mounts directly under an Tellabs 1000 CBA to distribute cooling air through the plug-in cards to dissipate heat. The 1U Fan Tray moves air at approximately 400 cubic feet per minute (CFM). The thermostat activates the fans at 35º C (96º F) and deactivates them at 30º C (85º F). You can set the fan activation and deactivation temperatures on the fan tray control board. The maximum power draw for the 1U Fan Tray is pproximately 30W at 48 V DC. The 1U Fan Tray can activate the Fan Failure (minor alarm) in the Craft Interface.

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Features

- Temperature control and fan speed control
- Cold rolled steel, zinc plated per ASTM-B633 Type II gold sheet metal enclosure with six fans
- A test switch on the fan tray front panel allows the fans to be manually tested for correct functioning.
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- In the event of fan tray failure, the fan tray alarm relays communicate with the appropriate alarm monitoring interface.
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Highlights

Both Central Office and Remote Cabinet

Designed for installation in an Tellabs cabinets, in a Central Office (CO), or in an Tellabs 1000 retrofit application.

Powering Options

Can be powered using either the Tellabs 1000 MSAP Series Universal Power Assembly (UPA) or with any third-party -48 V DC power source.

Mounting Choices

Equipment can be mounted with either 19 inch or 23 inch rack with extension adapter brackets

Status and Alarm LED indicators

The 1RU Fan Tray has status LED indicator on the front panel lights solid green when the Fan Tray is operating normally. The Alarm LED indicator on the front panel lights solid red when the Fan Tray is in an alarm condition. The Test push-button on the front panel runs a self test on the Fan Tray when pressed and released.

Specifications

Physical

- Weight: 12 lbs with fans
- Depth: 11 in
- Width: 19 in (48.2 cm)
- Height: 1.72 in

Power

- Power Consumption: 0.63A draw @ 30 Watts
- Fusing: 2 Amps
- Power Supply: -48 V DC +/-8 V DC

Alarm / Monitor / Test

- Fan Failure (minor) Alarm

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- Normally Open (NO) Contact Alarm
- Test button on front panel to check operation of the fans (test duration is approximately 30 seconds)

Environmentals

- Altitude: Up to 10,000 feet
- Relative Humidity: 85% non-condensing
- Temperature: 14º F to 167º F (-10º C to 75º C)

Compliance

- UL 60950
- CSA 22.2
- EN 60950

LED Indicators

- LED alarm display

Management

- Craft User Interface (CUI)
- Tellabs Panorama Element Management System (EMS)

Software Support

- Minimum base software FP16 and higher

Installations

- Mounting: 19 or 23 in rack (with extension adapter brackets)

Ordering Information

- 1RU Fan Tray Unit: 0310-1867

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