CONVERTEON™ Family
AT-CV5PNLx Series Blank Slot Covers
Installation Guide

For use with the Converteon™ Line Cards, Control Process Module, Rear Expansion Slot, and Power Supply Modules in the Converteon™ Series Chassis

Allied Telesis, Inc.
www.alliedtelesis.com

Overview

The AT-CV5PNLx Series blank slot covers are designed to maintain optimal, trouble-free environmental conditions for the modules used in the Converteon™ Series chassis. Every unoccupied slot on the Converteon™ chassis is required to be covered with a blank slot cover, to keep dust from getting into the chassis and maintains proper airflow, cooling, and ventilation throughout the chassis.

Related Documents

This installation guide is an abbreviated version of the installation procedure. For details on the components, features, and functions of this product, refer to the following documents on our web site, www.alliedtelesis.com:

- *AT-CV5000 Media Converter Chassis Installation Guide PN 613-50580-00*
- *AT-CV1000 Media Converter Chassis Installation Guide PN 613-50582-00*
- *AT-CV1200 Media Converter Chassis Installation Guide PN 613-000331*

Package Contents

Make sure the following items are included in the shipping package. If any item is missing or damaged, contact your Allied Telesis sales representative for assistance.

- One AT-CV5PNLx Blank Slot Cover
- This Installation Guide

The AT-CV5PNLx Series blank slot covers come in three different types of slot covers:

- AT-CV5PNL1 – For Line Cards and AT-CV5M01 Control Processor Module
- AT-CV5PNL2 – For Power Supply Modules (AT-CV5000 Chassis only)
- AT-CV5PNL3 – For Switch Fabric Module (SFM)/Expansion Slot (AT-CV5000 Chassis only)

Figure 1 illustrates the AT-CV5PNL1 blank slot cover which is used either for the Converteon™ line cards or the AT-CV5M01 CPM card.

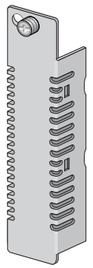

Figure 1. AT-CV5PNL1 Blank Slot Cover

Figure 2 illustrates the AT-CV5PNL2 blank slot cover which is used either for the AT-PWR14 or the AT-PWR15 power supply module.

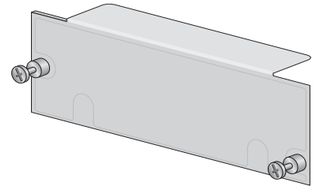

Figure 2. AT-CV5PNL2 Blank Slot Cover

Figure 3 illustrates the AT-CV5PNL3 blank slot cover which is used for the expansion slot located in the rear of the AT-CV5000 chassis.

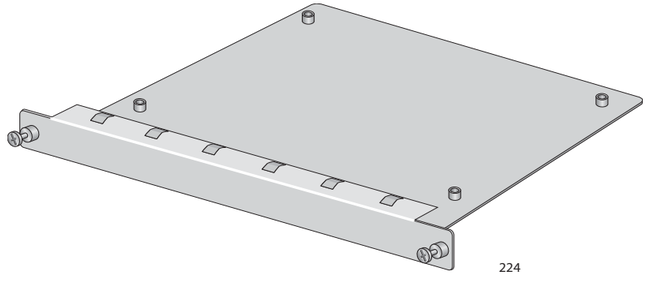

Figure 3. AT-CV5PNL3 Blank Slot Cover

Installing the AT-CV5PNLx Series Blank Slot Covers

You can install an AT-CV5PNLx Series blank slot covers whether the chassis is powered ON or powered OFF.

Note
Always tighten the captive screw to secure the blank slot cover to the chassis.

Installing an AT-CV5PNL1 Blank Slot Cover

The AT-CV5PNL1 blank slot cover is designed to cover any unoccupied line card or management module slot in the Converteon™ chassis.

To install an AT-CV5PNL1 blank slot cover, perform the following procedure:

1. Remove the AT-CV5PNL1 blank slot cover from its shipping package and store the package in a safe place.

   You must use the original package if you need to return the unit to Allied Telesis.
2. Select the line card slot in the AT-CV5000 chassis where you want to install the blank slot cover.
3. If an Converteon™ line card is installed in the slot, do the following:
   a. Disconnect the cables from all the ports in the line card.
   b. Cover the fiber optic port with the dust cap.
   c. Remove the line card from the slot.
4. Align the back edge of the blank slot cover with the alignment guides located inside the slot.
   For AT-CV5000, align with the top and bottom alignment guides.
   For the AT-CV1000, align with the left and right alignment guides.
5. Slide the blank slot cover into the slot, as shown in Figure 4, until the slot cover is flush with the front of the chassis.

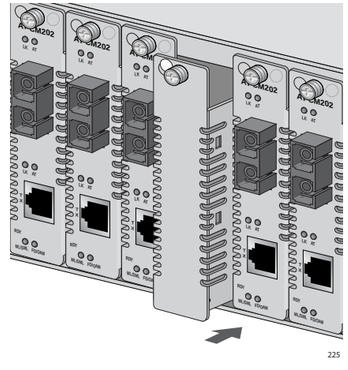

Figure 4. Inserting an AT-CV5PNL1 Blank Slot Cover

6. Use a Phillips screwdriver to tighten the captive screw, as shown in Figure 5.

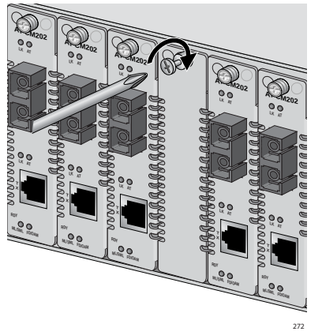

Figure 5. Tightening the Captive Screw on an AT-CV5PNL1

7. Repeat this procedure to install additional AT-CV5PNL1 blank slot covers.

Installing an AT-CV5PNL2 Blank Slot Cover

The AT-CV5PNL2 blank slot cover is designed to cover any unoccupied power supply module slots in the AT-CV5000 chassis model only.

To install an AT-CV5PNL2 blank slot cover, perform the following procedure:

1. Remove the AT-CV5PNL2 blank slot cover from its shipping package and store the package in a safe place.

   You must use the original package if you need to return the unit to Allied Telesis.
2. Select the power supply slot in the AT-CV5000 chassis where you want to install the blank slot cover.
3. Align the back edge of the blank slot cover with the alignment guides located inside the slot.
4. Slide the blank slot cover into the slot, as shown in Figure 6, until the slot cover is flush with the front of the chassis.

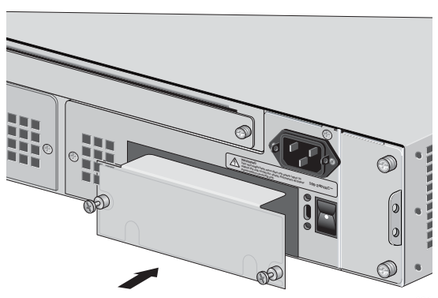

Figure 6. Inserting an AT-CV5PNL2 Blank Slot Cover

5. Use a Phillips screwdriver to tighten the captive screws, as shown in Figure 7.

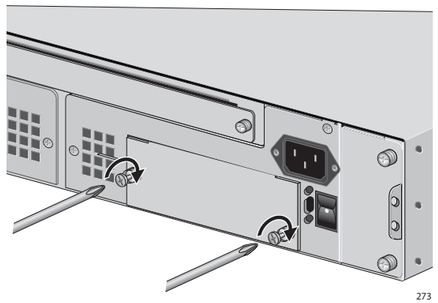

Figure 7. Tightening the Captive Screws on an AT-CV5PNL2

6. Repeat this procedure to install additional AT-CV5PNL2 blank slot cover.

Installing an AT-CV5PNL3 Blank Slot Cover

The AT-CV5PNL3 blank slot cover is designed to cover the unoccupied expansion slot located in the rear of the AT-CV5000 chassis.

To install an AT-CV5PNL3 blank slot cover, perform the following procedure:

1. Remove the AT-CV5PNL3 blank slot cover from its shipping package and store the package in a safe place.

   You must use the original package if you need to return the unit to Allied Telesis.
2. Align the back edge of the blank slot cover with the alignment guides located inside the slot.
3. Slide the blank slot cover into the slot, as shown in Figure 8, until the slot cover is flush with the front of the chassis.

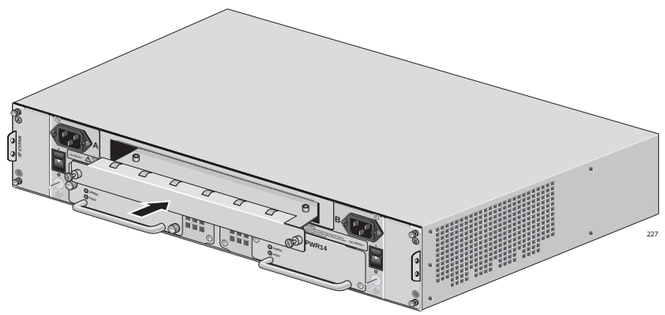

Figure 8. Inserting an AT-CV5PNL3 Blank Slot Cover

4. Use a Phillips screwdriver to tighten the captive screws, as shown in Figure 9.

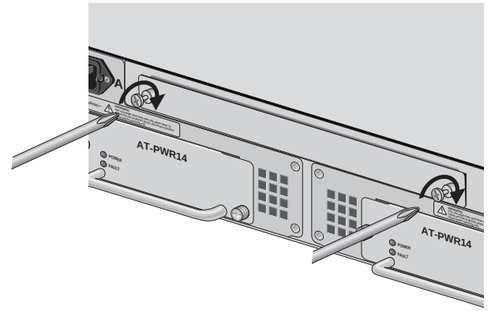

Figure 9. Tightening the Captive Screws on an AT-CV5PNL3

You have completed the AT-CV5PNL3 blank slot cover installation procedure.

Electrical Safety and Emission Statement

Standards: This product meets the following standards when installed in compliant host equipment.

U.S. Federal Communications Commission
RADIATED ENERGY Note: This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. Note: Modifications or changes not expressly approved of by the manufacturer or the FCC, can void your right to operate this equipment.

Industry Canada
This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Emission	FCC Class A, EN55022 Class A, VCCI Class A, C-TICK, CE
WARNING: ⚠	In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
Immunity	EN55024
Electrical Safety	UL60950 (UL/$_c$UL), EN60950 (TUV), CSA22.2 No. 950