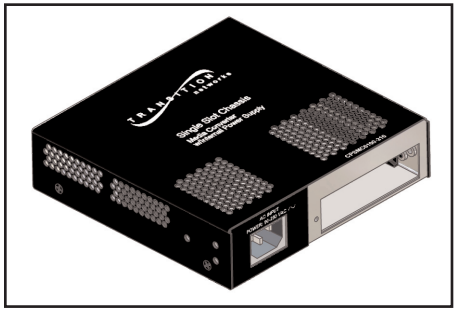
TRANSITION NETWORKS



User's Guide

CPSMC0100-210

Single-Slot *PointSystem*™ Chassis with Internal Power Supply

The Transition Networks CPSMC0100-210 single-slot *PointSystem*™ chassis is equipped with an internal power supply, and is designed for installation of a single, selectable Transition Networks *PointSystem*™ slide-in-module media converter with a maximum of 12 Watts.

Part Number	Description
CPSMC0100-210	Single-slot PointSystem™ chassis, with an internal power supply, intended for installation of any PointSystem™ slide-in-module media converter up to 12 Watts.

Note: The following media converter families are not compatible with Transition Networks CPSMC0100-210 single-slot PointSystem™ chassis: C4TEF, CAPTF, CBFTF-120, CBFTF-140, CEMTF, CGFEG and the CMEFG.

Installation

Installing a Slide-in-Module

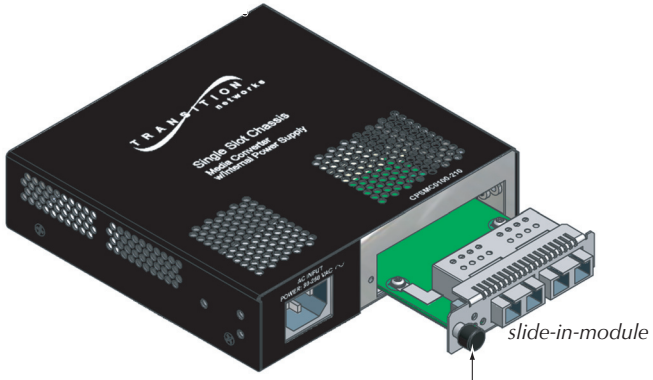
CAUTION: Wear a grounding device and observe electrostatic discharge precautions when installing the media converter slide-in-module into the single-slot chassis. Failure to observe this caution could result in damage to, and subsequent failure of, the slide-in-module media converter.

Note: The maximum power capacity for the chassis slot is 12 Watts.

Note: The CPSMC0100-210 chassis is rated as "Class B" only when Class B compliant slide-in-module media converters are installed. The chassis will drop to a "Class A" rating whenever a Class A slide-in-module media converter is installed.

To install a slide-in-module into the single-slot chassis:

1. Refer to the user's guide that comes with the slide-in-module to ensure that any switches or jumpers on the slide-in-module circuit board are set correctly for the site installation.
2. Carefully align the slide-in-module with the chassis installation guides and slide the module into the installation slot.
3. Ensure that the slide-in-module is firmly seated inside the chassis.
4. Push in and rotate the attached panel faster screw clockwise to secure the slide-in-module to the chassis.

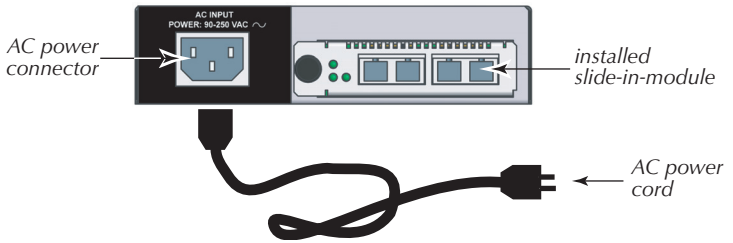


Installation -- Continued

Powering the Chassis

The single-slot chassis automatically powers on when connected to an AC outlet supplying 100-240 VAC. To power on the single-slot chassis:

1. Connect the female end of the power cord to the AC power connector on the front panel of the chassis.
2. Plug the male end of the power cord into the correct voltage AC rack or wall socket.
3. Verify that the chassis is powered by observing the illuminated LED power indicator light on the installed slide-in-module.



Installation -- Continued

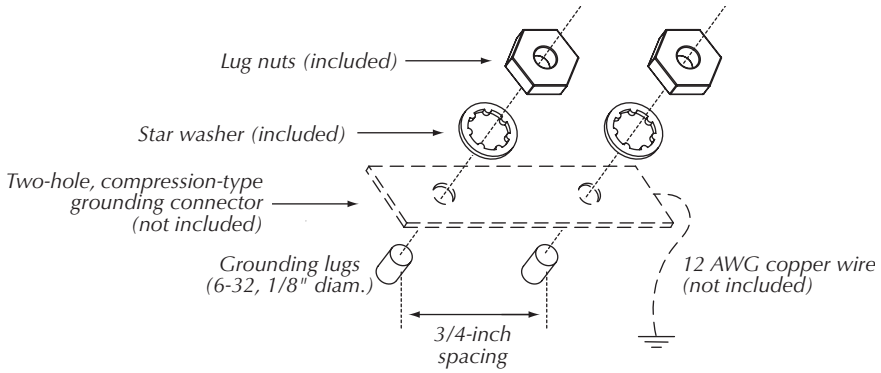
Grounding the Media Converter

The CPSMC0100-210 single-slot chassis comes equipped with grounding lugs located on the back panel. They require a grounding conductor wire terminated with a two-hole, compression-type, grounding connector. The grounding wire -- which must be a copper conductor -- is not included with the chassis and must be provided by the customer/installer.

The electrical conducting path from the single-slot chassis must:

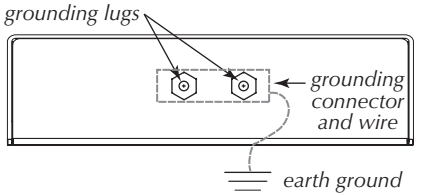
- Flow via the grounding lugs to the common bonding network (CBN) for telecom installations, or to an alternative approved grounding system *(if required)* for non-telecom installations.
- Be of sufficiently low impedance to conduct fault currents likely to be imposed on the media converter, and
- Enable proper operation of any over-current protection devices.

The conductor must be fastened to the grounding lugs with the enclosed anti-rotation star-washers and lug-nut fasteners. The applied torque required to the connector lug-nut fasteners is specified by the connector's manufacturer.



To properly ground the CPSMC0100-210 single-slot chassis:

1. Obtain one (1) grounding conductor *(12 AWG copper wire gauge or larger)* with a two-hole, compression-type, grounding connector.
2. Attach the grounding conductor to the converter by placing the two-hole connector onto the grounding lugs and fasten with the enclosed lock-washers / lug-nuts at the proper torque (per the manufacturer's specification).
3. Attach the opposite end of the grounding conductor to the common bonding network (CBN) for telecom, or to earth ground (if required) for non-telecom installations.



Technical Specifications

For use with Transition Networks Model CPSMC0100-210 or equivalent.

Note: The maximum power delivery capacity for the chassis slot is 12 Watts.

Compliance	EN55022; CISPR 22; Class A & B; CE Mark	
Dimensions	6.086 x 5.875 x 1.5 in *(155 x 149 x 38 mm)*	
Weight	1.6 lbs. *(0.7 kg)* Approximately	
Power Supply	12VDC, 1.25 A *(maximum)*	
MTBF	49,888 hours *(MIL217F2 V5.0) (MIL-HDBK-217F)* 133,257 hours *(Bellcore7 V5.0)*	
Environment	Tmra*:	0 to 50°C *(32 to 122° F)*
	Storage Temp:	-20 to 85°C
	Humidity:	5 to 95%, non condensing
	Altitude:	0 to 10,000 feet
Warranty	Lifetime	

*Manufacturer's rated ambient temperature.

The information contained in this user's guide is subject to change. For the most up-to-date information on the CPSMC0100-210 single-slot chassis, view the user's guide on-line at: www.transition.com.

Troubleshooting

1. Is the slide-in-module media converter properly installed into the single-slot chassis?
   NO
   - Ensure the slide-in-module media converter is firmly seated inside the single-slot chassis. See page 2 for installation instructions.
   - Proceed to step 2.

   YES
   - Proceed to step 2.

2. Is the Power LED on the slide-in-module media converter illuminated?
   NO
   - Is the power adapter the proper type of voltage and cycle frequency for the AC outlet? *(See "Power Supply" on page 5.)*
   - Is the power adapter properly installed in the single-slot chassis and in the grounded AC outlet?
   - Contact Technical Support: US/Canada: 1-800-260-1312, International: 00-1-952-941-7600.

   YES
   - Contact Technical Support: US/Canada: 1-800-260-1312, International: 00-1-952-941-7600.

Contact Us

Technical Support

Technical support is available 24 hours a day.
United States: 1-800-260-1312
International: 00-1-952-941-7600

Transition Now

Chat live via the Web with Transition Networks Technical Support.
Log onto www.transition.com and click the Transition Now link.

Web-Based Seminars

Transition Networks provides seminars via live web-based training.
Log onto www.transition.com and click the Learning Center link.

E-Mail

Ask a question anytime by sending an e-mail to our technical support staff.
techsupport@transition.com

Address

Transition Networks
10900 Red Circle Drive,
Minnetonka, MN 55343, U.S.A.
telephone: 952-941-7600
toll free: 800-526-9267
fax: 952-941-2322

Declaration of Conformity

Name of Mfg: Transition Networks
10900 Red Circle Drive, Minnetonka MN 55343 U.S.A.
Model: CPSMC0100-210 Series Single-Slot PointSystem Chassis
Part Number: CPSMC0100-210
Regulation: EMC Directive 89/336/EEC

Purpose: To declare that the CPSMC0100-210 to which this declaration refers is in conformity with the following standards:

EN 55022:1994+A1:1995+A2:1998 Class A&B; EN 55024:1998+A1:2002; FCC Part 15 Subpart B; 21CFR subpart J; EN 61000-3-2:2001; Telcordia GR-1089-CORE sect. 3.2.2

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).

Stephen Anderson, Vice-President of Engineering

June, 2008
Date

Compliance Information

CISPR/EN55022 Class A & B + EN55024
CE Mark

FCC Regulations

This equipment has been tested and found to comply with the limits for a Class A & B digital device, pursuant to part 15 of the 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 the 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 the user's own expense.

Canadian Regulations

This digital apparatus does not exceed the Class A & B limits for radio noise for digital apparatus set out on the radio interference regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la Class A & B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

CAUTION: RJ connectors are NOT INTENDED FOR CONNECTION TO THE PUBLIC TELEPHONE NETWORK. Failure to observe this caution could result in damage to the public telephone network.

Der Anschluss dieses Gerätes an ein öffentlickes Telekommunikationsnetz in den EG-Mitgliedstaaten verstösst gegen die jeweligen einzelstaatlichen Gesetze zur Anwendung der Richtlinie 91/263/EWG zur Angleichung der Rechtsvorschriften der Mitgliedstaaten über Telekommunikationsendeinrichtungen einschliesslich der gegenseitigen Anerkennung ihrer Konformität.

In accordance with European Union Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003, Transition Networks will accept post usage returns of this product for proper disposal. The contact information for this activity can be found in the 'Contact Us' portion of this document.

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