

SMiPAC-5
Rev: 1
April 2007

**Procidia i|pac Internet Controller Systems
Power Supply Modules May Not Meet Performance Ratings**

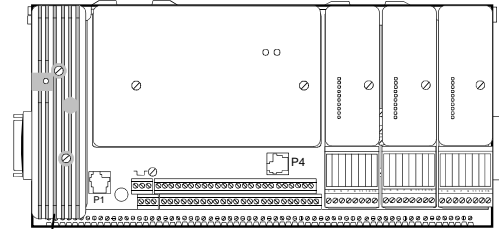
PRODUCT INVOLVED

All “Design Level A” and “Design Level B” Procidia™ i|pac™ Power Supply Modules shipped prior to January 1, 2007 – see the table below for models numbers

Note

The Design Level of the controller and each module is the next to last character in the device’s model number. See the table below for examples.

Power Supply



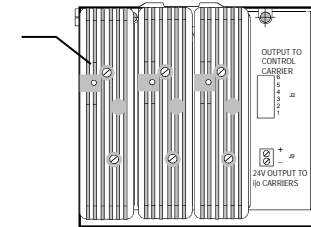
Assembled Controller
Design Level B shown

REASON FOR SERVICE MEMO

The 24 Vdc power supply output voltage may be out of tolerance under certain power supply and system operating conditions. This may affect controller performance or cause component failure.

WARNING: Component failure may result in property damage, personal injury and/or death.

Up to 3
Power
Supplies



Assembled Power Supply Carrier
Design Level B only

PRIORITY

[X] Mandatory [] Recommended

CORRECTIVE ACTION

Factory

Involved power supply models have been identified and are listed below.

“Design Level A” Power Supply	“Design Level B” Power Supply	Replacement “Design Level C” Power Supply
Model iPAC-PSUA-AN	Model iPAC-PSUA-B4	Model TGX:353RPSUAC4
Additional Parts Needed: 1. Control Carrier, P/N TGX:353RCCB4 2. Controller Cover, P/N 16357-44	Additional Parts Needed: None	Additional Parts Needed: None

“Design Level A” power supply modules are no longer manufactured and will be replaced with “Design Level C” units. Updating of a “Design Level A” i|pac controller requires two additional parts: a “Design Level B” Control Carrier and a new controller cover; see the table above. These parts are furnished at no charge.

All “Design Level B” power supply modules in production and stock have been updated to “Design Level C.” No additional parts are needed. See the table above.

A customer notification program has been initiated.

Field

Notices sent to affected customers are accompanied by a list of involved controllers.

To replace “Design Level A” and “Design Level B” power supplies, perform the following steps.

CAUTION

Refer to UMiPAC-1, the controller User’s Manual, and to your plant’s operating and safety procedures to operate the controller, remove the controller from service, and remove/replace the Power Supply Module(s). Read and understand all Warnings and Cautions stated on the product and in the manual. The User’s Manual for each design level is listed below. The current revision of the manual can be downloaded from the Siemens Internet site. See Product Support for the URL.

- i|pac Design Level A – UMiPAC-1, Rev 1 or 2
- i|pac Design Level B – UMiPAC-1, Rev 3 or later

1. Locate involved i|pac controllers and all “Design Level A” and “Design Level B” power supplies at your site. See the power supply nameplate for the model number; refer to the table on page 1. The nameplate is on the side of the supply adjacent to the controller cover.

Complete and return the Siemens Service Memo Acknowledgement attached to this notice.

2. Disconnect power wiring. From a “Design Level A” i|pac, tag and disconnect I/O signal wiring.
3. Remove all “A” and “B” power supplies from Control Carriers and Power Supply Carriers, if so equipped.
4. Contact Siemens [Repair Service](#) for a Return Material Authorization (RMA) number. See Product Support below. Advance replacement power supply modules are available.¹
5. Return all “A” and “B” power supplies to Siemens. Replacement “Design Level C” power supply modules¹ will be furnished at no charge. See the table on page 1 for the “C” power supply model number.
6. Install replacement parts:
 - “Design Level A” i|pac controller – Refer to UMiPAC-1 to transfer the controller module, field termination assemblies, and I/O modules to the supplied “B” control carrier.

Install the replacement “C” power supply and the supplied controller cover on the “B” control carrier.

Change the 120/240 Vac power input wiring. Refer to Model iPAC-CC-B_ Control Carrier Installation in UMiPAC-1 (Rev 3 or later) for 120/240 Vac input wiring.

Connect signal wiring to the “B” control carrier and field termination assemblies.

- “Design Level B” i|pac controller – Refer to Model iPAC-PSUA-B_ in UMiPAC-1 (Rev 3 or later) to install the replacement “C” power supply module(s).

IMPORTANT

All power supply modules in an i|pac system, on the control carrier and on a power supply carrier, must be the same “Design Level.”

7. Apply power to the controllers and connected devices. Thoroughly test the control system.

¹ New or reconditioned modules will be supplied at the discretion of Siemens.

Product Support

Technical Support	
Telephone	1 800 333 7421
E-mail	techsupport.sea@siemens.com
Hours of Operation	8 a.m. to 4:45 p.m. eastern time, Monday through Friday (except holidays)
Technical Publications in PDF	http://www2.sea.siemens.com/Products/Process-Instrumentation/Support/PI-User-Manuals.htm then click the product line (e.g. Control Solutions)
Public Internet Site	http://www2.sea.siemens.com/Products/Process-Instrumentation
Repair Service	1 215 646 7400 extension 3187

Visit the Siemens Process Instrumentation product support page at <http://www2.sea.siemens.com/Products/Process-Instrumentation/Support/Customer-Support.htm>. Select the desired type of support (e.g. Sales, Technical).



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Siemens Service Memo SMiPAC-5 Acknowledgement

This response form is provided by Siemens to ensure that customers potentially affected by the product performance discussed in the Service Memo have been notified. Please check the box below, provide the information requested, and either FAX or mail this form to Siemens.

Acknowledgement: I have read SMiPAC-5 and surveyed the controllers at my location.

I will contact Siemens to schedule power supply module replacement.

Name of person completing form: _____

Title: _____ Date: _____

Telephone: _____

E-mail: _____

Company name: _____

Company address: _____

FAX form to: 215-646-3547

Mail form to:
Siemens Energy & Automation, Inc.
Process Instrumentation Business Unit
P.O. Box 900
Spring House, PA 19477-0900 U.S.A.
MS510

Thank you for your assistance.

March 2007