MET Laboratories, Inc. *Safety Certification - EMI - Telecom - Environmental Simulation - NEBS*
914 WEST PATAPSCO AVENUE • BALTIMORE, MARYLAND 21230-3432 • PHONE (410) 919-1802 • FAX (410) 354-3313

November 24, 2014

Mr. Ken Hsieh
American Power Conversion Corp
85 Rangeway Rd Bldg 2
North Billerica, MA 01862
USA

Subject: Product Relocatable Power taps, Models P7 series: CNS7TXX, P7TXX, P7VR, P7T6R, P7X, P7V and P74 ('XX' denotes the power supply cord length); Models P6 series: P6H, P6B, P6BMP4, CNS63 and CNS64; Models PDIY series: PDIY7 and PDIY8.

Listing Number E113924; MET Project Number 83970
Safety Standards:
- ANSI/UL Std. No 1363 (3rd Edition) - Relocatable Power Taps
  CSA Std. C22.2 No. 21-95 (R2009) - Cord Sets and Power Supply Cords

Dear Mr. Hsieh:

MET has determined the evaluated Relocatable Power taps, Models P7 series, P6 series and PDIY series to be compliant with the above referenced standards. Upon completion of a satisfactory Pre-Certification Factory Inspection, NRTL/MET-C certification may be granted. If not already done so, someone from our Follow-up Services department will contact you to schedule your Pre-Certification Factory Inspection.

Production line testing is required. Refer to the attached excerpt from the report. It is your responsibility to make sure you understand the requirements imposed on manufacturing before the MET certification mark can be applied. If you have any questions, please contact your project engineer prior to producing and labeling the first product.

Thank you for the opportunity to perform this service for American Power Conversion Corp. We look forward to future opportunities with your company.

Reviewed by:

Robert Lin

Robert Lin
Project Engineer
Safety Laboratory

NRTL

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MANUFACTURER'S RESPONSIBILITIES

Upon completion of the manufacturing process the product mentioned herein shall be subjected to, and successfully pass, the following tests: Dielectric Voltage Withstand Test and Grounding Continuity Test. The requirements for these tests are as follows:

Dielectric Voltage Withstand Test:

Each unit shall be capable of withstanding, without electrical breakdown, the application of a continuous sinusoidal or direct current voltage between uninsulated live parts and accessible dead metal parts that are likely to become energized in accordance with one of the following methods:

Circuit Tested	Circuit Rating	Method A			Method B		
		Voltage		Time	Voltage		Time
		AC	DC	sec	AC	DC	sec
Primary to Ground	Up to 120 V	1240	1754	60	1488	2105	1

Grounding Continuity Test:

Each unit shall be tested to determine that electrical continuity exists between the ground blade of the attachment plug, or the grounding pin of the inlet connector, and accessible dead metal parts of the unit that are likely to become energized. Any indicating device such as an ohmmeter, battery-and-buzzer combination, or the like may be used to determine whether the unit complies with the requirement.

Dielectric Voltage Withstand tests must be recorded for each product. That record can be a traveler, production record, or log sheet as long as the test can be traced to a product item, and that the pass, failure, and as required retest is reflected.

For ground continuity testing, a bell or light assembly or an ohmmeter may be used. Ground continuity between the metal of the chassis or grounding lug and the ground blade of the plug must be confirmed. If an ohmmeter is used for ground continuity testing, it must be calibrated.

Note: Grounding-Continuity and Earthing-Continuity are equivalent terms.

Ground continuity testing must be recorded for each product. Ground continuity records should be maintained in the same manner as required for dielectric-strength testing.

Equipment used for all required tests must also be calibrated, and tests must be documented as with the above tests.

NRTL