



File E342789

Vol 1

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FOLLOW-UP SERVICE PROCEDURE  
(TYPE R)

COMPONENT - SURGE-PROTECTIVE DEVICES  
(VZCA2,VZCA8)

Manufacturer: SEE ADDENDUM FOR MANUFACTURER LOCATIONS

2424579 (Party Site)  
Applicant: SURGE PROTECTION GROUNDING SERVICES  
(100555-203) AND SURGELAB AMERICA INC  
37 PARK AVE W  
MANSFIELD OH 44902

2424579 (Party Site)  
Recognized Company: SAME AS APPLICANT  
(100555-203)

This Follow-Up Service Procedure authorizes the above Manufacturer(s) to use the marking specified by UL LLC, or any authorized licensee of UL LLC, including the UL Contracting Party, only on products when constructed, tested and found to be in compliance with the requirements of this Follow-Up Service Procedure and in accordance with the terms of the applicable service agreement with UL Contracting Party and any applicable Service Terms. The UL Contracting Party for Follow-Up Services is listed on addendum to this Follow-Up Service Procedure ("UL Contracting Party"). UL Contracting Party and UL LLC are referred to jointly herein as "UL."

UL further defines responsibilities, duties and requirements for both Manufacturers and UL representatives in the document titled, "UL Mark Surveillance Requirements" that can be located at the following web-site: <http://www.ul.com/fus> and in the document titled "UL and Subscriber Responsibilities" that can be located at the following website: <http://www.ul.com/responsibilities>. Manufacturers without Internet access may obtain the current version of these documents from their local UL customer service representative or UL field representative. For assistance, or to obtain a paper copy of these documents or the applicable Service Terms, please contact UL's Customer Service at <http://www.ul.com/global/eng/pages/corporate/contactus>, select a location and enter your request, or call the number listed for that location.

The Applicant, the specified Manufacturer(s) and any Recognized Company in this Follow-Up Service Procedure must agree to receive Follow-Up Services from UL Contracting Party. If your applicable agreement is a Global Services Agreement ("GSA") with an effective date of January 1, 2012 or later and this Follow-Up Service Procedure is issued on or after that effective date, the Applicant, the specified Manufacturer(s) and any Recognized Company will be bound to a Service Agreement for Follow-Up Services upon the earliest by any Subscriber of use of the prescribed UL Mark, acceptance of the factory inspection, or payment of the Follow-Up Service fees which will incorporate such GSA, this Follow-Up Service Procedure and the Follow-Up Service Terms which can be accessed by clicking here: <http://www.ul.com/contracts/Terms-After-12-31-2011>. In all other events, Follow-Up Services will be governed by and incorporate the terms of your applicable service agreement and this Follow-Up Service Procedure.

It is the responsibility of the Recognized Company to make sure that only the products meeting the aforementioned requirements bear the authorized Marks of UL LLC, or any authorized licensee of UL LLC.

This Follow-Up Service Procedure contains information for the use of the above Manufacturer(s) and representatives of UL and is not to be used for any other purpose. It is provided to the Manufacturer with the understanding that it will be returned upon request and is not to be copied in whole or in part.

This Follow-Up Service Procedure, and any subsequent revisions, is the property of UL and is not transferable. This Follow-Up Service Procedure contains confidential information for use only by the above named Manufacturer(s) and representatives of UL and is not to be used for any other purpose. It is provided to the Subscribers with the understanding that it is not to be copied, either wholly or in part unless specifically allowed, and that it will be returned to UL, upon request.

Capitalized terms used but not defined herein have the meanings set forth in the GSA and the applicable Service Terms or any other applicable UL service agreement.

UL shall not incur any obligation or liability for any loss, expense or damages, including incidental, consequential or punitive damages arising out of or in connection with the use or reliance upon this Follow-Up Service Procedure to anyone other than the above Manufacturer(s) as provided in the agreement between UL LLC or an authorized licensee of UL LLC, including UL Contracting Party, and the Manufacturer(s).

UL LLC has signed below solely in its capacity as the accredited entity to indicate that this Follow-Up Service Procedure is in compliance with the accreditation requirements.

William R. Carney  
Director  
North American Certification Program

## LOCATION

(100562-850) 2611979 (Party Site)  
SURGELAB KOREA INC  
478-2 SONGCHONDONG  
TAEDUCKOO  
TAEJON 306-813 KOREA

Factory ID: NONE

UL Contracting Party for above site is: UL AG

File E342789  
Project 11CA03397

March 29, 2012

REPORT

on

COMPONENT - SURGE-PROTECTIVE DEVICES

SURGE PROTECTION GROUNDING SERVICES  
MANSFIELD OH

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## DESCRIPTION

## PRODUCT COVERED:

USR, CNR - Component - Surge Protective Devices, Type 4 Component Assemblies, Cat. Nos. SL-1204, SL-1204PRO, SL-1208, SL-1208PRO, SL-2204, SL-2204PRO, SL-2208, SL-2208PRO.

## GENERAL:

USR - Indicates evaluation to the applicable requirements of the U.S. National Standard: UL 1449, Surge Protective Devices, Third Edition, dated September 29, 2006, revised October 18, 2010, UL 1059, the Standard for Terminal Blocks, Fourth edition, dated December 27, 2001, including revisions dated October 14, 2011.

CNR - Indicates evaluation to the applicable Canadian Requirements: CSA C22.2, No. 8-M1989, Electromagnetic Interference (EMI) Filters, Fourth Edition, and Technical Information Letter I-11B, dated May 13, 1986 and Technical Information Letter A-24, dated October 31, 1995, CSA C22.2 No. 158, Terminal Blocks .

## SPD Type designations as follows:

Type 1 Component Assemblies - Consists of a Type 4 component assembly with internal or external short circuit protection or a means of complying with the Short Circuit Current and Intermediate Current Tests in Sections 39.2 and 39.3 of UL 1449. They are intended for use in Permanently-connected applications intended for installation between the secondary of the service transformer and the line side of the service equipment overcurrent device, as well as the load side, including watt-hour meter socket enclosures and intended to be installed without an external overcurrent protective device.

Type 2 Component Assemblies - Consists of a Type 4 component assembly with internal or external short circuit protection or a means of complying with the Short Circuit Current and Intermediate Current Tests in Sections 39.2 and 39.3 of UL 1449. They are intended for use in Permanently-connected applications intended for installation on the load side of the service equipment overcurrent device, including devices located at the branch panel.

Type 3 Component Assemblies - Consists of a Type 4 component assembly with internal or external short circuit protection or a means of complying with the Intermediate Current Tests in Section 39.3 of UL 1449. They are intended for use in Point-of-utilization applications (e.g., cord-connected, direct plug-in, receptacle type and SPD's installed at the utilization equipment being protected.) Unless a value for Nominal Discharge Current (In) is indicated in the Electrical Ratings Table, these SPDs have been investigated to be installed at a minimum conductor length of 10 m (30 ft) from the electrical service panel to the point of utilization.

Marking - As detailed in Section General.

Nomenclature -

<u>SL</u>	<u>1</u>	<u>2</u>	<u>04</u>	<u>PRO</u>
I	II	III	IV	V

I -MODEL SERIES - SL

II - VOLTAGE CODE

1 - 120Vac  
2 - 220Vac

III - Phase

1 - Combination  
2 - Single Phase 2 Wire + Ground  
3 - 1/3 Phase 3 Wire + Ground  
4 - 3 Phase 4 Wire + Ground

IV - Capacity

04 -  
08 -

V - Option

None - Normal  
PRO - GCA option installed

Model Differences -