

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20150508-E98049  
**Report Reference** E98049-20100205  
**Issue Date** 2015-MAY-08

**Issued to:** BENDER & WIRTH GMBH & CO  
VOLMESTRASSE 161  
58566 KIERSPE GERMANY

**This is to certify that representative samples of** COMPONENT - LAMPHOLDERS, MISCELLANEOUS  
USR/CNR: Component, Miscellaneous Lampholders. Cat. Nos.: 947 and 947H.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 496 Lampholders  
CSA C22.2 No.43-08 Lampholders

**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



DESCRIPTION

PRODUCT COVERED:

USR/CNR: Component, Miscellaneous Lampholders. Cat. Nos.: 947 and 947H.

GENERAL CHARACTER AND USE:

Models 947 and 947H covered by this report are intended for use with Type R7s double-ended discharge lamps, line voltage.

ELECTRICAL RATINGS:

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ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

USR - indicates investigation to Underwriters Laboratories Standard UL 496, 13<sup>th</sup> edition.

CNR - Indicates investigation to Canadian Standard CAN/CSA-C22.2 No.43-08, 6<sup>th</sup> edition.

Use - The devices covered by this Report are for use only in complete equipment where the suitability of the combination is determined by Underwriters Laboratories Inc. The following should be determined in the end-use product.

Conditions of Acceptability:

The following Conditions of Acceptability shall be determined to comply in the end-use application.

1. The suitability of the mounting means shall be determined in the end product evaluation.
2. Models 947 and 947H are provided with minimum 18 AWG and maximum 14 AWG leads. Versions provided with 18 AWG leads were subjected to a 20 lbf Security of Leads Test. The suitability of other lead sizes shall be verified in the end product evaluation.
3. The devices have to be used within their electrical ratings.
4. Spacing of live part shall meet the spacing requirements of the equipment in which this device used.
5. All live parts shall be suitably enclosed in the end use application.
6. This lampholder is for dry locations only.
7. The suitability of the lampholder leads with respect to capacity shall be determined in end-use.
8. Dielectric Voltage Withstand Test was performed at voltage of 5 kV.

CONSTRUCTION DETAILS:

The general design, shape, and arrangement shall be as described in the following pages except where variations are specifically described. All dimensions are approximate unless otherwise indicated.

Corrosion Protection - All ferrous metal parts are protected from corrosion by painting, plating, or the equivalent.

Markings - Recognized Company's name or Trademark, and Cat. No. on device, electrical ratings on device or smallest shipping carton.