

# Certificate of Compliance



**Underwriters  
Laboratories**

Certificate Number **20100205-E98049**  
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*Issued to:* **BENDER & WIRTH GMBH & CO**

Volmestrasse 161  
Kierspe, 58566  
Germany



*This is to certify that  
representative samples of*

**LAMP HOLDERS, MISCELLANEOUS**  
Cat. Nos. 947 and 947H

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

*Standard(s) for Safety:* **UL 496, 13th edition**  
**CAN/CSA-C22.2 No.43-08, 6th edition**

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

*Additional Information:* See UL On-line Certification Directory at [WWW.UL.COM](http://www.ul.com) for additional information.

**Look for the UL Recognized Component Mark on the product**

**William R. Carney**  
**Director, North American Certification Programs**

Underwriters Laboratories Inc.

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## 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.