

CERTIFICATE OF COMPLIANCE

Certificate Number 20150508-E98049
Report Reference E98049-20010402
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 - Lampholders, Miscellaneous,
Cat. Nos.: 850 and 851.

USR - indicates investigation to Underwriters Laboratories
Standard UL 496, 13th edition.

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

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 Lampholders

Additional Information: See the UL Online Certifications Directory at
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 - Lampholders, Miscellaneous, Cat. Nos.: 850 and 851.

* USR - indicates investigation to Underwriters Laboratories Standard UL 496, 13th edition.

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

GENERAL CHARACTER AND USE:

* **These devices are intended** for low voltage Halogen MR16 type lamps.

ELECTRICAL RATING:

24 V, 12.5 A

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

* 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 **verified** in the end-use product.

Conditions of Acceptability -

1. Spacings of live parts to dead metal shall be determined.
2. The suitability of the lampholder leads with respect to capacity shall be determined in end-use.
3. **The suitability of the mounting means shall be determined in the end product evaluation.**
4. **The devices have to be used within their electrical ratings.**
5. **All live parts shall be suitably enclosed in the end use application.**
6. **These lampholders are for dry or damp locations only.**

CONSTRUCTION DETAILS:

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

Spacings - Min 1.2 mm through air and over surface between uninsulated live parts of opposite polarity and between uninsulated live parts and dead-metal parts.

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

Marking - R/C name or trademark and electrical ratings on device or catalog number and electrical rating on shipping carton.