

CERTIFICATE OF COMPLIANCE

Certificate Number 20150508-E98049
Report Reference E98049-20050310
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.
No. 838.
USR indicates investigated to US requirements, UL 496
12th Edition.
CNR indicates investigated to Canadian requirements,
C22.2 No. 43 Fifth 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

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DESCRIPTION

PRODUCT COVERED:

(USR/CNR) Component - Lampholders, Miscellaneous, Cat. No. 838.

USR indicates investigated to US requirements, UL 496 12th Edition.

CNR indicates investigated to Canadian requirements, C22.2 No. 43 Fifth Edition.

GENERAL:

These devices are intended for use with electric discharge lamps.

RATINGS:

Electrical Ratings - These devices are rated 250 V ac, 20 A, pulse rated 5 kV.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use only in products where the acceptability of the combination of component and end-use product is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - The end-use application shall comply with the following conditions:

1. Suitability of the leads employed shall be determined in the end use application.
2. Terminal connected leads shall be stranded copper AWM, 18 AWG rated min. 180°C (Or higher if determined by end-product temperature testing.), 600V minimum, with a strip length of 8-10 mm.
3. Suitability of mounting means shall be determined in the end use application. Mounting shall be secured such that rotation of the lampholder after installation is not possible.

CONSTRUCTION DETAILS:

The general design, shape and arrangement shall be as described and/or illustrated in the following figures except where variations are specifically described.

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

Spacings - Min spacing of 3.2 mm (1/8 in) are provided through air and over surface between uninsulated live parts of opposite polarity and between uninsulated live parts and dead-metal parts.

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