

CERTIFICATE OF COMPLIANCE

Certificate Number 20150508-E98049
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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 Lampholder, Cat. No. 833

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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D E S C R I P T I O NPRODUCT COVERED:

- * (USR/CNR) Component - Miscellaneous Lampholder, Cat. No. 833.

GENERAL:

These lampholders are intended for use with medium bipost (IEC G22) type base lamps.

- * USR - Indicates investigated to US requirements to UL 496.
- * CNR - Indicates investigated to Canadian requirements C22.2 No. 43.

RATINGS:

Electrical Ratings - 1000 V, 20 A, pulse rated 15.3 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. The suitability of the setscrew terminal shall be determined.
2. The wire employed shall be solder-dipped stranded conductors or solid conductors, No. 14 AWG min, No. 8 AWG max.
3. The conductors wired to the setscrew terminals are to be stripped for a length of 11 mm. The conductor is inserted into the terminal so that the lip of the insulation is against the body of the terminal.
4. The suitability of the mounting means shall be determined.

CAT. NO. 833

FIG. 1 (M94-14251)

1. Body - Ceramic, measures 50 mm O.D. by 42.5 mm high overall. Provided with two cavities measuring 28.3 mm tapering to 11.5 mm long, by 12.9 mm wide by 27.5 mm deep.
2. Terminals - Two provided, plated brass. Each terminal piece measures 11.8 mm long by 14 mm high by 11 mm wide overall, provided with 4.1 mm I.D. opening for insertion of lead wire and with threaded openings for setscrew. Also provided with 12 mm by 13.5 mm, 0.3 mm thick stainless steel contact plates.
3. Spring - Two provided, stainless steel, formed of 1.2 mm dia wire wound into coil with 11 mm O.D., 9 mm uncompressed length.

Alternate - Same except 0.95 mm dia wire, 11.9 mm O.D.

4. Cover Plate - Two provided, mica 1.5 mm thick, 29.8 mm long by 10.5 mm wide overall. Each provided with a 7.5 mm dia opening for insertion of lamp contacts and a 5.2 mm by 4.1 mm opening for setscrew.

Alternate - Same as above except stainless steel **0.5 mm thick**.