

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20150508-E98049  
**Report Reference** E98049-20070911  
**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 Lampholder. Cat.  
Nos.: 934 and 935

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](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

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



## DESCRIPTION

## PRODUCT COVERED:

USR-CNR: Component, Miscellaneous Lampholder. Cat. Nos.: 934 **and** 935.

## GENERAL CHARACTER AND USE:

**These devices are intended for use with electric discharge lamps. They can be provided in two versions: screw terminals or welded leads.**

Model 934 covered by this report is intended for use with Type PGZ18. discharge lamp, line voltage.

**Model 935 covered by this report is intended for use with Type PGZX18. discharge lamp, line voltage.**

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

## ELETRICAL RATINGS:

MODEL	LAMP BASE	RATED VOLTAGE	PULSE RATED VOLTAGE	RATED CURRENT
934	PGZ18	500 V	5 kV	10 A
<b>935</b>	<b>PGZX18</b>	<b>500 V</b>	<b>5 kV</b>	<b>10 A</b>

## ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

USR - indicates investigation to Underwriters Laboratories Standard UL 496, 12<sup>th</sup> ed.

CNR - Indicates investigation to Canadian Standard CAN/CSA-C22.2 No.43, 5<sup>th</sup> ed.

## 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.
2. **Lampholder versions with welded leads are** provided with 14-18 AWG, style 3135 or 3139 or 3231 or 3071, rated 200°C, 600 Volts leads. The leads were subjected a 20 lbf Security Test of Lampholder Lead.
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. Polarity shall be verified in the end application.
7. Dielectric Voltage Withstand Test was performed at voltage of 5 kV.
8. These lampholder are for dry locations only.
9. **The suitability of the lampholder leads with respect to capacity shall be determined in end-use.**
10. **For lampholder versions provided with screw terminals the suitability of the leads shall be evaluated in end-use. Leads must be rated 12-18 AWG, 600V, solid or tinned stranded suitable for set screws supply connectors.**