

CERTIFICATE OF COMPLIANCE

Certificate Number 20180525-E66375
Report Reference E66375-20180525
Issue Date 2018-MAY-25

Issued to: TYCO Electronics Corp
2901 Fulling Mill Rd
Middletown PA 17057

**This is to certify that
representative samples of**

COMPONENT - Photocontrols, Plug-In, Locking Type
Dimmable Photocontrol Receptacle, Cat. No. 2332966
preceded by prefix 0 through 9 and followed by suffix 0
through 9.

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


Standard(s) for Safety:

UL 773, Plug-In Locking Type Photocontrols for Use with
Area Lighting;
CAN/CSA-C22.2 No. 182.2 (1987), Industrial Locking Type,
Special Use Attachment Plugs, Receptacles, and
Connectors Signal Equipment

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.

The UL Recognized Component Mark 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.

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 - Dimmable Photocontrol Receptacle, Cat. No. 2332966 proceeded by prefix 0 through 9 and followed by suffix 0 through 9.

Note:

USR: Indicates United States Standards, Recognized Component.

CNR: Indicates Canadian National Standards, Recognized Component.

GENERAL:

These devices are Plug-In Locking Type Receptacles for use with Photocontrol units in area lighting applications.

This receptacle and gasket (separately provided) are being installed onto the external portion of the enclosure with the spring plate and locking ring installed on the inside of the enclosure without the use of tools. The locking ring mates to locking grooves on the receptacle body. The spring plate along with the locking grooves on the receptacle body, secure the locking ring in place.

The final suitability and installation is to be determined in the end product application.

The USR investigation indicates products investigated to the requirements contained in the Standard for Plug-In, Locking Type Photocontrols for Use with Area Lighting, UL 773.

The CNR investigation indicates products investigated to the requirements contained in the Standard for Industrial Locking Type, Special Use Attachment Plugs, Receptacles and Connectors, CSA C22.2 182.2.

RATINGS:

Line/Load: Tungsten, Magnetic Ballast, Electronic Ballast:
Line/Load: 120 V, 50/60Hz, 15 A, 1800 VA.
100 V, 50/60Hz, 15 A, 1500 VA.
277 V, 50/60 Hz, 6.5 A, 1800 VA.
347 V, 50/60 Hz, 5.2 A, 1800 VA.
480 V, 50/60Hz, 3.75 A, 1800 VA.

Signal/Dimming Contacts: 1.5 A, 30Vdc

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use only in or with complete equipment where the acceptability of the combination is determined by UL LLC.

Conditions of Acceptability - In order to be judged acceptable as a component of electrical equipment, the following conditions should be met.

1. These devices employ non-grounding configurations and the mounting means are not grounded. The electrical and mechanical suitability of the mounting means shall be determined in the end use.
2. These devices employ a UV (f1) rated insulating material with an RTI-(ELEC) = 130C. The operating temperature of these devices should not exceed the temperature ratings of the insulating materials. The maximum measured temperature during a representative temperature test while loaded with 15 A was 30.7C on the receptacle body face(See: E66375, Issue date 2014-02-28, TR#1-DS1.)
4. These devices are intended to be factory wired and are assembled with No. 14 AWG (line and load) and 18 AWG (signal Circuits) stranded copper wire. The suitability of other wire conductor sizes shall be determined in the end use. The wire employed may be rated 105 C or 150 C depending on wire style employed. The maximum measured temperature on the load lead wire during a representative temperature test was 33.8C(See: E66375, Issue date 2014-02-28, TR#1-DS1.)
5. These devices should be used only where they will not interrupt the current.
6. These devices are intended for mounting on end product enclosures with specific dimensions and wall thickness in order for the spring plate mechanism to properly secure the receptacle against the end enclosure and gasket mating surface. See Ill. 1, Page 3 of 3 for reference mounting posts. The need to repeat environmental testing based on mounting or mounting surface shall be considered in the end product. The rotating means and properly seating the receptacle and gasket on the end mounting surface shall be determined in the end product investigation.
7. The below tests were performed in accordance with UL 773 and CSA No. 182.2, the need to repeat or conduct additional end product tests shall be determined in the final application. The receptacle was mounted on a representative test enclosure with a shorting plug installed and subjected to the following tests: Raintightness Test(including Dielectric at 3,000Vac), Gasket Aging Test(70hrs at 100C), Exposure to Low Temperature (72 hrs at -29C), Mold Stress Relief Distortion Test(7hrs at 100C), Resistance to Impact (5ft-lb as received condition), Lead Pull Test(20.25 lb). Previous testing conducted on Model 2213362 was considered representative of the Temperature and Dielectric Test as covered under E66735, Issue Date 2014-02-28, TR#1-DS1.

8. A gasket is required in the final application to ensure a water tight seal. When the gasket is not provided by TE, the gasket shall be evaluated for compliance to the requirements of UL 773 and CSA No. 182.2. When the gasket is provided from TE, the gasket Part no. 2332473-x, was evaluated to the requirements of UL 773 and CSA No. 182.2 only. The need for further evaluation in the end product shall be determined. The gasket was subjected to a 70 hr conditioning at 100C.
9. When mounted in the end application the profile height shall be reviewed to determine compliance with the limitations in as specified in the Illustrations 3 and 4.