

LUMAWISE ALR SHORTING AND OPEN CAPS

DURABLE, WEATHERPROOF, LONG LASTING

TE Connectivity (TE) offers durable LUMAWISE ALR shorting and open caps that provide harsh environmental protection to roadway, street and area lighting luminaires. Shorting caps are commonly used to protect National Electrical Manufacturers Association (NEMA) twist lock receptacles on outdoor luminaires prior to the installation of a discrete or network lighting control. Other uses include designating lighting fixtures for maintenance, keeping lights on continually for safety or using an open cap to disconnect service.

LUMAWISE ALR Series shorting and open caps are IP54 rated. The ALR-MC-10 shorting cap with an integrated 545 Joule Metal Oxide Varistor (MOV) provides protection against transient line surges for LED luminaires.

Part descriptions that include ANSI provide a unit with a stepped housing as referenced in the ANSI C136.10 specification. This unique housing makes it easier for users to distinguish visually between a standard photocontrol and a shorting or open cap.

PROVIDES A RELIABLE, CONVENIENT AND ECONOMICAL METHOD TO CLOSE OR OPEN THE PRIMARY CIRCUIT PATH ACROSS A NEMA TWIST LOCK RECEPTACLE ON AN OUTDOOR LIGHTING LUMINAIRE. THE LUMAWISE ENDURANCE N ALR SHORTING AND OPEN CAPS ARE C136.10 COMPLIANT AND UL LISTED.



ELECTRICAL

- Current rating: 15 A Max
- Voltage rating: 0 - 480 Max

MECHANICAL

- Operating temperature rating: -40° C to +65° C at 96% RH

MATERIALS

- Cover: High impact polypropylene (ANSI Series)
- High impact UV stabilized polycarbonate (SC-10A Series)
- Base: High temperature polyester (PBT)
- Gasket: Cross-linked polyethylene
- Connection: 3 pole locking-type with solid brass legs

SPECIFICATIONS

- ANSI C136.10
- cUL Listed: E663758

KEY FEATURES

- ANSI C136.10 compliant
- IP54 rating
- Distinct cap shape helps improve visual distinction between standard photo controls and shorting caps
- Optional surge protection (545 Joule)

APPLICATIONS

- Street and area lighting
- Roadway lighting
- Commercial outdoor lighting (i.e. parking lots, car dealerships)

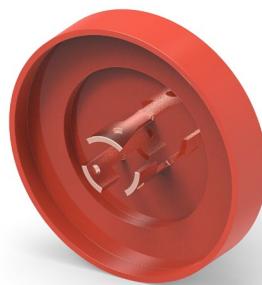
LUMAWISE ALR SHORTING AND OPEN CAPS

PRODUCT SELECTION INFORMATION

| Part Number | ALR PN Description | Circuit Type | Cap Color | Load Rating Tungsten (Watts) | Load Rating Ballast (VA) | Surge Protection (Joules) | Housing Dimensions |
|----------------------------|--------------------|--------------|-----------|------------------------------|--------------------------|---------------------------|--|
| D02595-000 | ALR-SC-10A* | Shorting | Clear | 1000 | 1800 | - | 2.87 (73mm) Dia. X 1.61 (41mm) Height |
| 8Q526Y-000 | ALR-SC-10ANSI** | Shorting | Black | 1000 | 1800 | - | 2.87 (73mm) Dia. X 1.40 (35.56mm) Height |
| 5J5271-000 | ALR-MC-10ANSI** | Shorting | Black | 1000 | 1800 | 545 | 2.87 (73mm) Dia. X 1.40 (35.56mm) Height |
| J2745D-000 | ALR-NS-10ANSI** | Open | Red | 1000 | 1800 | - | 2.87 (73mm) Dia. X 1.40 (35.56mm) Height |

* UL Listed

** ANSI C136.10-2006 Compliant



Contact Our Product Team

We make it easy to connect with our experts and are ready to provide the support you need.

Visit te.com/support to chat with a Product Information Specialist.

te.com/lumawise-alr-shorting-and-open-caps

TE Connectivity, TE, TE connectivity (logo) and EVERY CONNECTION COUNTS are trademarks owned or licensed by the TE Connectivity plc family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any changes to the information contained herein without prior notice. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect, or consequential damages arising out of the sale, resale, use, or misapplication of the product. TE expressly disclaims any implied warranties with respect to the information contained herein, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose. Dimensions, specifications and/or information contained herein are for reference purposes only and are subject to change without notice. Consult TE for the latest dimensions, specifications and/or information. Users of TE Connectivity products must make their own assessment as to whether the respective product is suitable for the respective desired application.

© 2025 TE Connectivity. All Rights Reserved.

06-25