

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)

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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.

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