

2393866-1 ✓ ACTIVE

LUMAWISE | ALR AA

TE Internal #: 2393866-1

ANSI Street Lighting Photocells, Americas, Electronic, 105 – 305

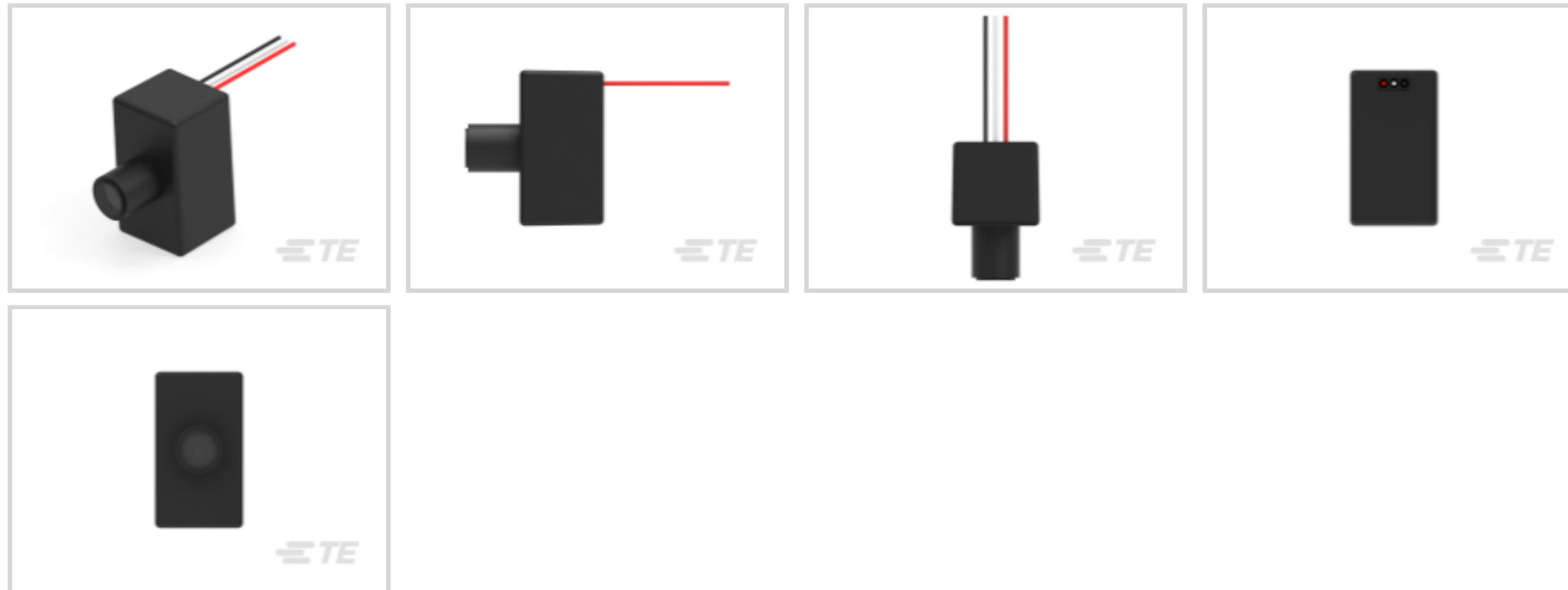
VAC, Commercial, 1800 VA Load Rating (Ballast), Fixed Mount, ALR

AA

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Connectors > Lighting Connectors > Street Lighting Controls > ANSI Street Lighting Photocells



Lead Length: 193.04 mm [7.6 in]

Product Availability: **Americas**

Street Lighting Photo Control Technology: **Electronic**

Operating Voltage Range: 105 – 305 VAC

Grade: **Commercial**

Features

Product Type Features

| | |
|--|------------|
| Street Lighting Photo Control Technology | Electronic |
|--|------------|

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 3 |
|---------------------|---|

Electrical Characteristics

| | |
|-------------------------|---------------|
| Operating Voltage Range | 105 – 305 VAC |
|-------------------------|---------------|

| | |
|-----------------------|---------|
| Load Rating (Ballast) | 1800 VA |
|-----------------------|---------|

| | |
|------------------------|--------|
| Load Rating (Tungsten) | 1000 W |
|------------------------|--------|

| | |
|-----------|----|
| Fail Mode | On |
|-----------|----|

| | |
|------------------|-------|
| Surge Protection | 15 kA |
|------------------|-------|

| | |
|---------------------|------------|
| Operating Frequency | 50 – 60 Hz |
|---------------------|------------|

| | |
|--------------|---------------------|
| Relay Rating | 30A General Purpose |
|--------------|---------------------|

Body Features

| | |
|-------------|-------------------|
| Lead Length | 193.04 mm[7.6 in] |
|-------------|-------------------|

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|



Mechanical Attachment

| | |
|------------------|-------------|
| Mounting Options | Fixed Mount |
|------------------|-------------|

Dimensions

| | |
|----------------|-----------------|
| MOV Diameter | 20 mm |
| Wire Size | 16 AWG |
| Product Length | 58.5 mm[2.3 in] |
| Product Width | 33 mm[1.29 in] |

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 70 °C[-40 – 158 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|--------------------|
| Turn OFF Time Delay | 2 – 5 seconds |
| Turn ON Light Level | 1.5 fc |
| Turn ON Time Delay | Instant On seconds |

Industry Standards

| | |
|--------------------|--------------|
| Agency/Standard | UL |
| Approved Standards | ANSI C136.24 |

Product Availability

| | |
|----------------------|----------|
| Product Availability | Americas |
|----------------------|----------|

Other

| | |
|--------------|------------|
| Grade | Commercial |
| OFF/ON Ratio | 1.5:1 |

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per |



homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2324697-2
PUSH GRIP CONNECTOR 2P



TE Part # 2324697-3
PUSH GRIP CONNECTOR 3P



TE Part # 2324697-4
PUSH GRIP CONNECTOR 4P




TE Part # 2324697-5
PUSH GRIP CONNECTOR 5P



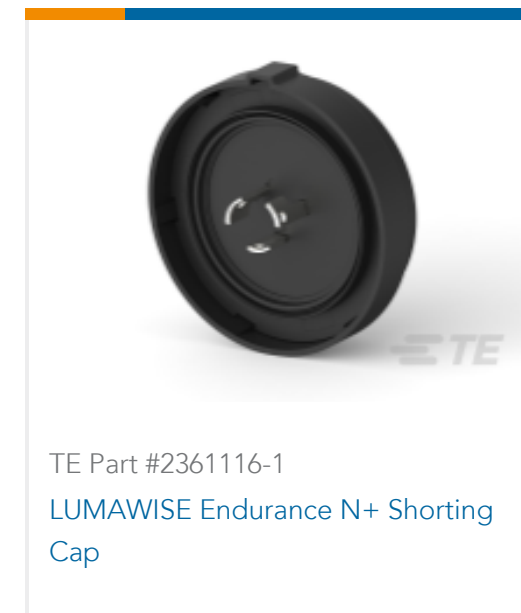
TE Part # 2324697-6
PUSH GRIP CONNECTOR 6P

Also in the Series | ALR AA



ANSI Street Lighting Photocells(9)

Customers Also Bought



Documents

Product Drawings

[ALR-AA-2000EL Photocontrol](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2393866-1_1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2393866-1_1.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2393866-1_1.3d_igs.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[LUMAWISE ALR AA Series](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

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1800 VA Load Rating (Ballast), Fixed Mount, ALR AA



English