2401414-2 ✔ ACTIVE

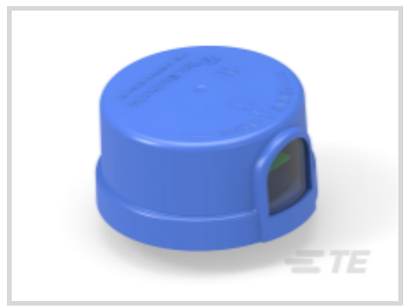
LUMAWISE | ALR 8000 Series

TE Internal #: 2401414-2

Electronic, 105 – 305 VAC, Commercial / Industrial, 1800 VA Load Rating (Ballast), Locking, ALR 8000 Series, ANSI Street Lighting Photocells

View on TE.com >

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







Product Availability: **Worldwide**

Street Lighting Photo Control Technology: **Electronic**

Operating Voltage Range: **105 – 305 VAC**

Grade: **Commercial, Industrial**

Load Rating (Ballast): **1800 VA**

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	1025 Joule
Relay Rating	30A General Purpose

Body Features

Primary Product Color	Blue

Contact Features

Contact Current Rating (Max)	15 A

Mechanical Attachment

Mounting Options	Locking

Dimensions

MOV Diameter	25 mm
Product Diameter	81.53 mm[3.21 in]
Product Height	44.96 mm[1.77 in]

Usage Conditions

Operating Temperature Range	-40 – 65 °C[-40 – 149 °F]

Operation/Application

Turn OFF Time Delay	2 – 5 seconds
Turn ON Light Level	1.5 fc
Turn ON Time Delay	Instant On seconds
Operating Frequency Range	50 – 60 Hz

Industry Standards

Compatible With Approved Standards Products	ANSI C136.10

Product Availability

Product Availability	Worldwide

Other

Grade	Commercial, Industrial
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

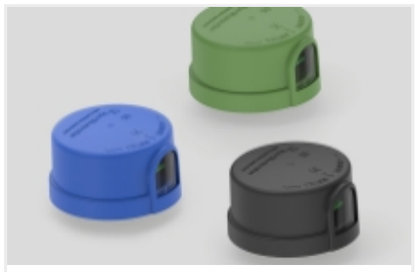
Compatible Parts

TE Part # 2376865-9
Rcpt Assy, w/ intg gasket; PC; 3P



TE Part # CAT-ST833-L97
Receptacle Assembly

Also in the Series | ALR 8000 Series



Street Lighting Photocells(8)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #DT06-2S
PLG, 2P, GRY, N



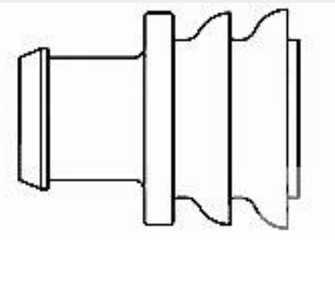
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

ALR-8090-HFS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2401414-2_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2401414-2_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2401414-2_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

8000-SERIES-PHOTOCONTROL-STREET-LIGHTING

English

Agency Approvals

UL

English