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ATEX-EXP-DNS-400W-M25-HV

High Voltage Explosion Proof Photocell - 400W Day/Night Sensor - Dusk-to-Dawn Operation - ATEX/IECEx - M25 Hubs

Product ID: 263872

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

ATEX-EXP-DNS-400W-M25-HV Explosion Proof Photocell

Type: ATEX/IECEx Rated Photocell
Dimensions: 4 1/4" x 2 5/8"
Wattage Range: 35 W - 400 W
Tungsten/Ballast Rating: 400 Watts
Voltage: 120 V AC or 208-277 V AC
Frequency Rating: 50/60 Hz
On/Off Activation: 3 FC (On), 8 FC (Off)
Time Delay: 10 Seconds
Operating Life: 8+ Years
Operating Temp Range: -60°C to +70°C
Materials: Copper-free Aluminum
Finish: Powder Epoxy Paint, Electrostatically Applied
Wiring: 6" Stranded 600V Color-coded Wire Leads
Mount: (2) M25 Feed-Thru Hubs
Weight: 5 lb

Ratings/Approvals

Class I, Divisions 1&2, Groups A,B,C,D
Class I, Zones 1 & 2, Groups IIB+H2,IIA
Class II, Divisions 1 & 2, Groups E,F,G
Class III
Ex db IIC Gb
Ex tb IIIC Db IP66
NEMA 3, 4, 4X

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The ATEX-EXP-DNS-400W-M25-HV from Larson Electronics is an Explosion Proof Photocell that functions as a day/night sensor for HID, incandescent, and fluorescent luminaries in ATEX/IECEx environments. The 400-watt rated unit automates dusk-to-dawn lighting controls by

turning on compatible lights at 3 footcandles and off at 8 footcandles. Featuring a solid-state design, the device is suitable for use in hazardous locations, indoor/outdoor spaces and industrial facilities. When ordering this unit, please choose from the following voltage options: 120 V AC or 208-277 V AC.

The ATEX-EXP-DNS-400W-M25-HV promotes safety by turning on outdoor luminaires in critical passageways at night. During operation, the field-installable device activates luminaries at 3 footcandles, while deactivating at 8 footcandles. With an electrical range of 35 watts to 400 watts, the ATEX/IECEx rated unit is compatible with HID, incandescent and fluorescent lights. To prevent accidental tripping, the device comes with a 10-second time delay feature. The explosion proof photocell may also be used to conserve energy by only activating the luminaries when necessary.

This ATEX/IECEx rated device comes with an operating lifespan of 8 years. For durability, the ATEX-EXP-DNS-400W-M25-HV is constructed of copper-free aluminum with a powder epoxy paint (electrostatically applied) finish. The unit is furnished with 6" stranded 600 volt color coded wire leads. Mounting may be completed via two, M25 feed-thru hubs.

Applications: HID, incandescent, and fluorescent luminaries/lighting systems in hazardous locations, such as oil and gas facilities, chemical processing plants, food manufacturing establishments, mining sites and more. This unit can be used to support remote lighting systems, security systems, hallway lighting and perimeter lighting systems.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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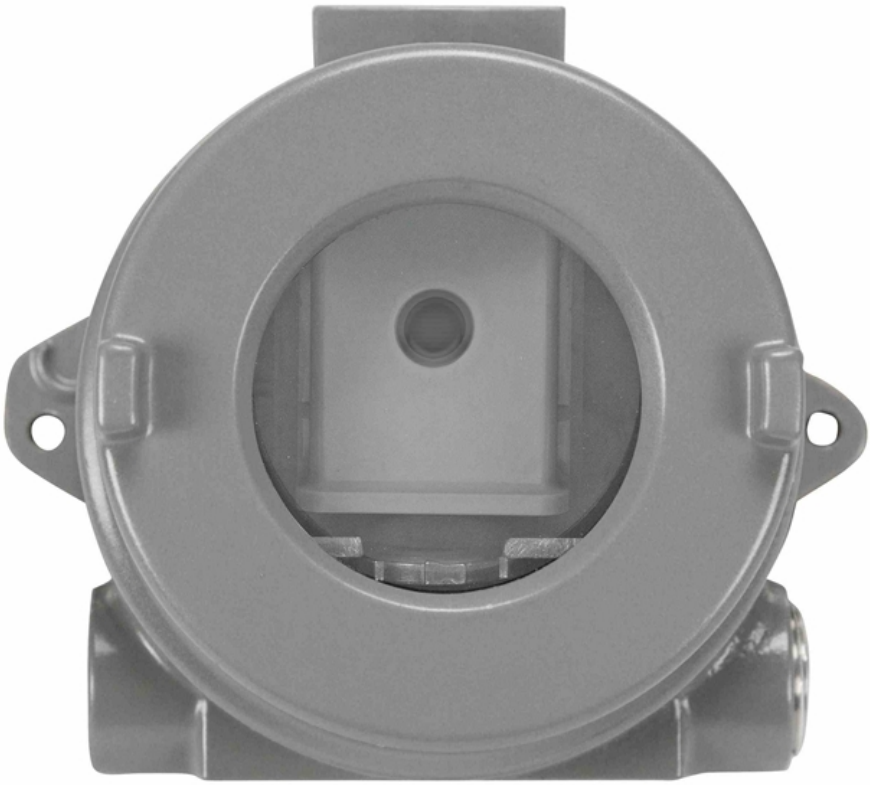
Frequently Asked Questions (FAQ)






NEMA TYPE 4X
FM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ATEX-EXP-DNS-400W-M25-HV

Product ID: 263872

Export Control Classification Number (ECCN): EAR99

Options:

ATEX-EXP-DNS-400W-M25-HV-Voltage

Example: ATEX-EXP-DNS-400W-M25-HV-120V

Voltage	
120V	-120V
208-277V	-277V

Links (Click on the below items to view):

- ATEX Certificate (European Explosion Proof)
- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- CE Certificate
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 3, Misc
- Certificate 4, Misc
- Dimensional Drawing 2D
- IEC Ex Certificate (International Explosion Proof)
- MSDS (Material Safety Data Sheet
- RoHS Certificate (Restriction of Hazardous Substances)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map