Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EXP-IP-POE-INJ-24V-24W

24W Explosion Proof POE Injector - Adds Power Over Ethernet Functionality to 24V POE Equipment - 1A

Product ID: 150445

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.

EXP-IP-POE-INJ-24V-24W Explosion Proof POE Injector
Device Type: Explosion Proof POE Injector
External Dimensions: 4-17/32"H x 6-1/8"W
Internal Dimensions: 3-3/32""H x 4-1/4"ID
Internal Volume: 31 cu. in.
Weight: 4 lbs
Cover Material: Copper-free Aluminum Alloy
Allen Head Cover Screw Material: Cadmium Plated Steel
Sealing Gasket: Neoprene O-ring
Ground Screw Material: Zinc Plated Steel w/ Green Dye
Enclosure Finish: Silver Powder Epoxy Paint, Electrostatically Applied
Watts: 24W
Voltage: 24V
Max Amp Rating: 1
Cast-in Mounting Pad Configuration: X
Design: Single Cover Box Only
Wiring Hubs: Offset Feed-thru (3/4" NPT)
Wiring: 10` 16/3 SOOW w/ Explosion Proof Cord Cap
Cord Cap Options: 5-15P, 5-20P or 6-20P

Ratings/Approvals
Listed for United States, Canada, Europe, Asia
Class I, Div. 1 & 2, Groups A, B, C, D
Class I, Zones 1 & 2, Groups IIB+H2, IIA
Class II, Div. 1 & 2, Groups E, F ,G
Class III, Div. 1 & 2
NEMA Type 3, 4, 4X, 7 (B,C,D), 9 (E,F,G)
ATEX Ex II 2 G / D
IECEx db IIC Gb
IECEx tb IIC Db IP66

Special Orders - Special Requirements
Contact us for special requirements

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

The EXP-IP-POE-INJ-24V-24W from Larson Electronics is an Explosion Proof POE Injector that allows operators to add POE (Power over Ethernet) functionality to explosion proof cameras and sensors. POE functionality adds

flexibility, safety, reliability and scalability to camera systems as well as saving both time and money.

The EXP-IP-POE-INJ-24V-24W is a 24V POE Injector that is rated for devices that draw up to 1 amp. This POE injector features an explosion proof enclosure that is 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 and Class III Divisions 1 & 2 rated for hazardous areas and is listed for use worldwide including the United States, Canada, Europe and Asia.

The EXP-IP-POE-INJ-24V-24W reduces the amount of cables that must be run to cameras. It achieves this by running the power required by the device through the Ethernet cable instead of a separate power cable. This saves operators both time and money. Not only because of reduced cable costs, but also because network cables do not require a professional electrician to install like some power cables do. POE also makes it simple to move cameras to the desired or required location with much less hassle than more traditional systems. Adding additional cameras also becomes a simple task with a POE system.

Operators simply run Ethernet cable into one side of the EXP-IP-POE-INJ-24V-24W and back out the other. The POE injector receives power from a 10` cord with a choice of explosion proof plugs that runs from the bottom of the enclosure. Please select your desired plug option below when ordering.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This explosion proof POE Injector is equipped with 10 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets. ***PLEASE NOTE** voltage ratings on plugs and outlets are MAXIMUM voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur.*

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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364




POE
LAN

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EXP-IP-POE-INJ-24V-24W

Product ID: 150445

Export Control Classification Number (ECCN): EAR99

Options:

EXP-IP-POE-INJ-24V-24W-Cord Cap

Example: EXP-IP-POE-INJ-24V-24W-1523

Cord Cap	
5-15P	-1523
5-20P	-2023-125V
6-20P	-2023-250V

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

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
- European Certificate
- IEC Ex Certificate (International Explosion Proof)
- MSDS (Material Safety Data Sheet
- RoHS Certificate (Restriction of Hazardous Substances)
- SpecSheetSpanish
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map