

EXP-MS-N4X-AT-HV-V9

Explosion Proof Motion Sensor - Detection up to 120' Away - Adjustable Timer - HV

Product ID: 265437



Image: EXP-MS-N4X-AT-HV-V9

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-MS-N4X-AT-HV-V9 Explosion Proof Adjustable Motion Sensor

Listing: NRTL Listed for United States, Canada and International; ATEX/IECEX Rated

Dimensions: 7"-W x 5"-H x 9"-D

Detection: Motion

Detection Distance: Up to 120'

Tilt Angles: -90° to +30° in Elevation

System Voltage: 120-277V AC 50/60 Hz

Maximum Amperage: 5A

No Load Current: 1W, 0.009A @ 120V, 0.0045A @ 240V

Output Hold Time: 0.5 seconds to 15 minutes (Adjustable)

Mains Frequency: 50/60 Hz

Ambient Temperature Range: -22°F to +140°F

Radiated Frequency: 10 GHz

Ratings / Features

Listed for United States & Canada

Class I, Divisions 1 & 2, Groups B, C, D

Class I, Zones 1 & 2, Groups IIB+H2, IIA

Class II, Divisions 1 & 2, Groups E, F, G

Class III, Divisions 1 & 2

NEMA 3R, 4, 7 (B, C, D), 9 (E, F, G)

NRTL Listed to UL 508A

NRTL Listed to UL 1203

NRTL Listed to CSA C22.2 No 14, 25, 30

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The Larson Electronics EXP-MS-N4X-AT-LV-V6 Explosion Proof motion sensor is Class I, Division 1 & 2 and Class II, Division 1 & 2 rated and provides the ability to power lights or other equipment within hazardous locations based on motion. This high voltage motion sensor features adjustable sensitivity and time delay after motion. Designed for high bay lights or detecting horizontal movement, this unit is suitable for sensing

motion up to 120 feet away.

The low voltage explosion proof motion sensor is ideal for operators seeking a high quality explosion proof motion sensor rated for use in hazardous areas designated Class I, Division 1 and Class II, Division 1. This explosion proof motion detector can be mounted at distances up to 120' away from the target area. The entire unit is constructed of copper free non-sparking aluminum construction with a glass window for motion detection. This unit is easily wall mounted via integral mounting bracket, which can be adjusted -90° to +30° vertically after installation. The explosion proof housing provides two 1/2" or 3/4" hub openings located on either side of the housing for running electrical conductors in a feed through configuration. A bushing seal at each conductor opening prevents damage to wiring insulation.

This unit leverages cutting-edge microwave sensors to detect motion. When in use, the device sends out discreet waves that are reflected back from nearby walls and objects (not heat or light). Microwave sensors are not affected by line of sight, resulting in wider and more accurate coverage of the target area. By comparison, traditional infrared sensors can only detect heat and light (factors used to identify movement) within the unit's field of view. Microwave sensors also provide stable performance in unpredictable climates and can penetrate glass, plastic and other non-metallic objects.



EXP-MS-N4X-AT in operation. [Click Here to view our Flex Couplers available for purchase.](#)

[Click Images to Enlarge](#)

This unit is designed to operate on high voltage 120-277V AC electrical circuits. We also make a model that is designed to operate on 12V or 24V extra low voltage electrical systems. This motion sensor is suitable for use in environments where combustible dusts and particulates may be present.



Motion Detected Through a Wall

1/2" or 3/4" NPT tapped conduit openings are provided on either of the unit in feed through versions while dead end versions have a single conduit hub, providing easy and secure connection to main power line supplies.



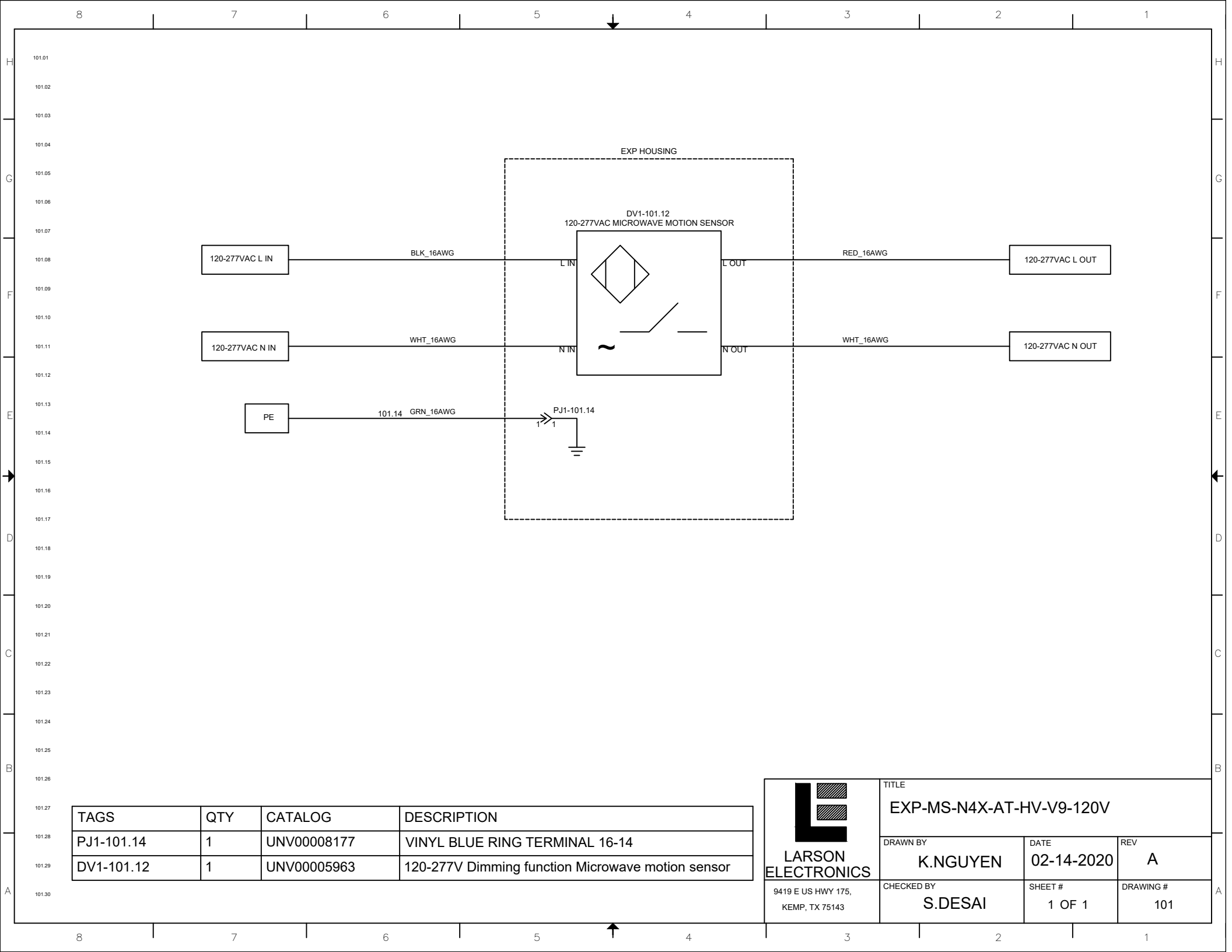
Suggested Applications: High Bay Lights, Horizontal Movement Detection, Manufacturing, Industrial, Warehouse, Lighting, Lighting, Wet areas or Locations Where Combustible Dust is Present.

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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	REV		DESCRIPTION					DATE
	A		PRODUCTION RELEASE					02/14/2020
EXP-MS-N4X-AT-HV-V9-120V 								
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EXP-MS-N4X-AT-HV-V9-120V





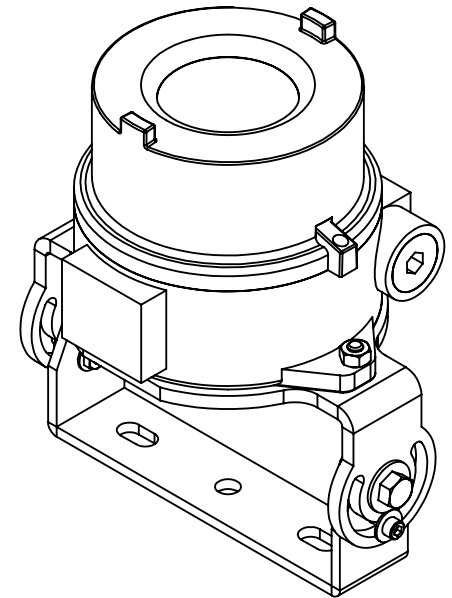
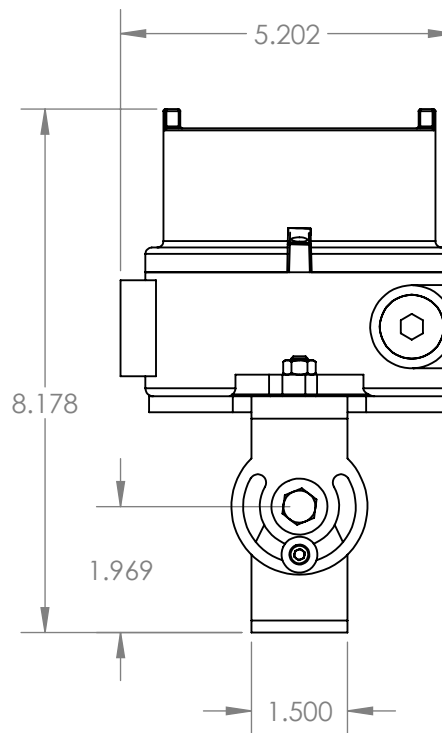
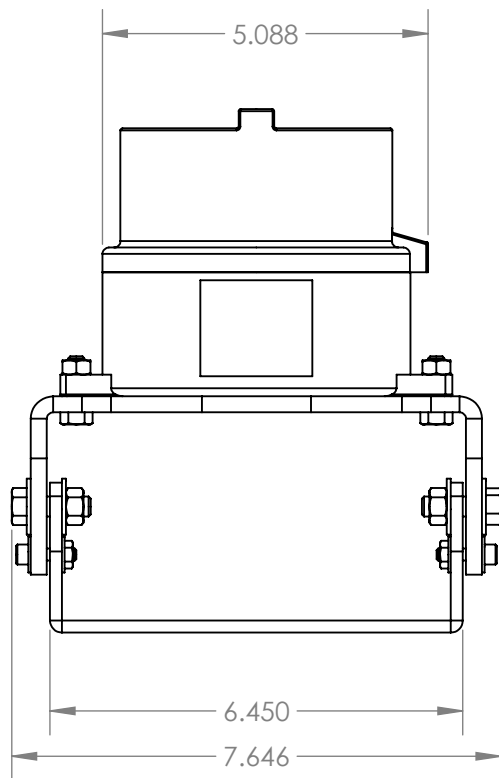
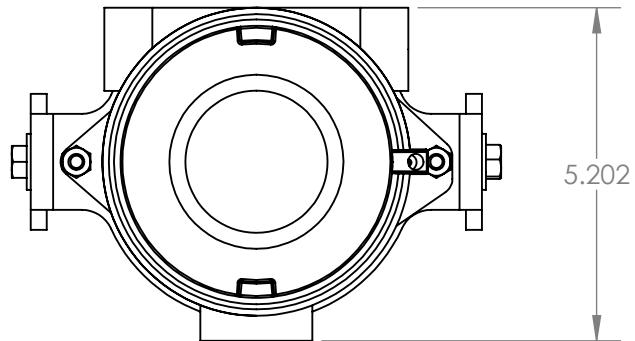
TAGS	QTY	CATALOG	DESCRIPTION
PJ1-101.14	1	UNV00008177	VINYL BLUE RING TERMINAL 16-14
DV1-101.12	1	UNV00005963	120-277V Dimming function Microwave motion sensor



**LARSON
ELECTRONICS**

9419 E US HWY 175,
KEMP, TX 75143

TITLE EXP-MS-N4X-AT-HV-V9-120V		
DRAWN BY K.NGUYEN	DATE 02-14-2020	REV A
CHECKED BY S.DESAI	SHEET # 1 OF 1	DRAWING # 101



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TITLE:					
EXP-MS-N4X-AT					
SIZE	DWG. NO.			REV	
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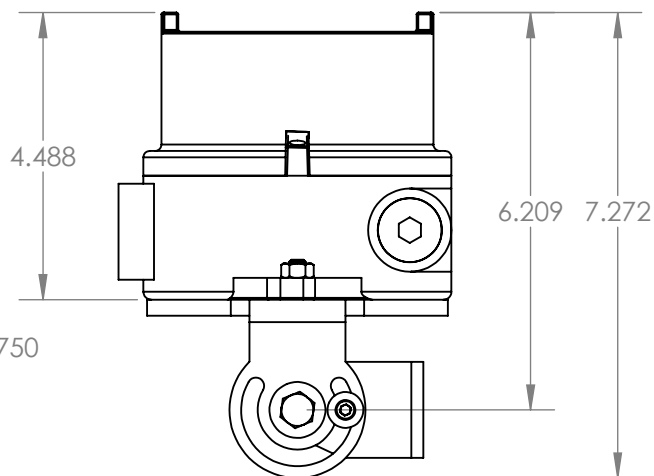
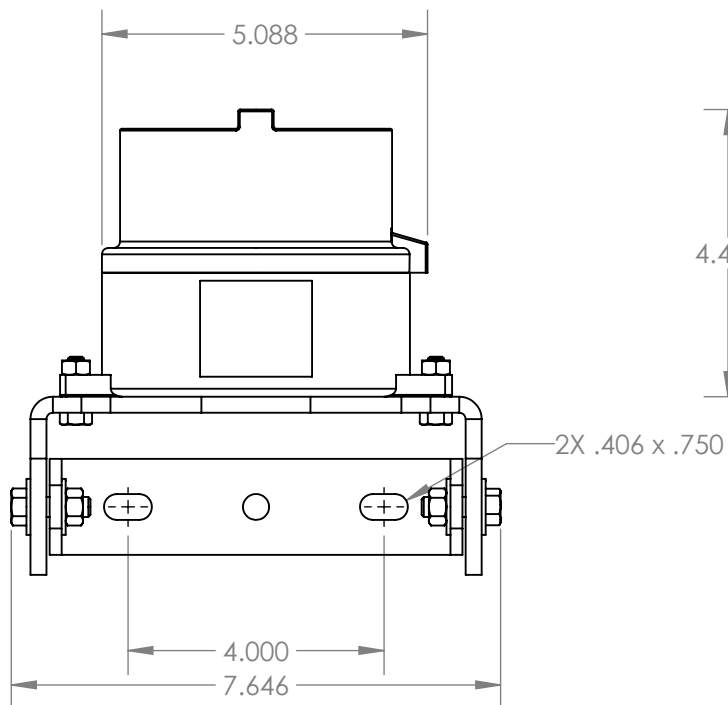
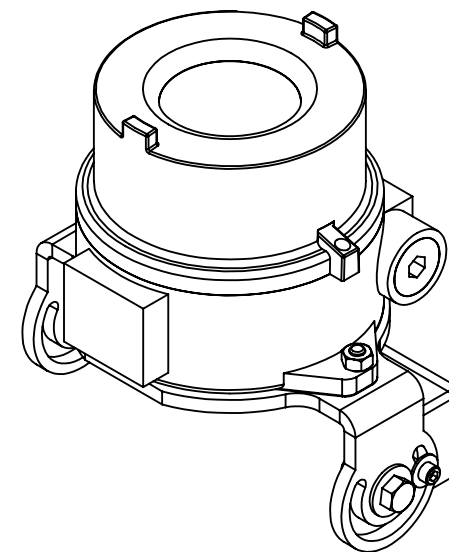
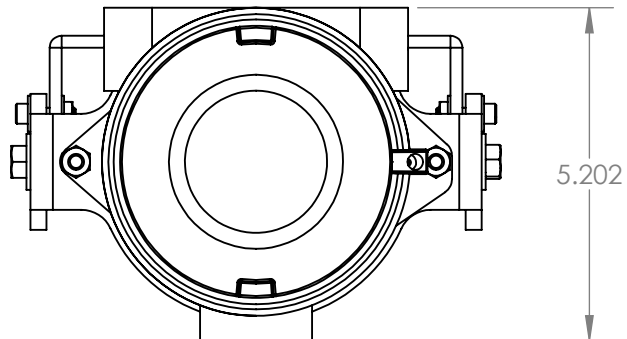
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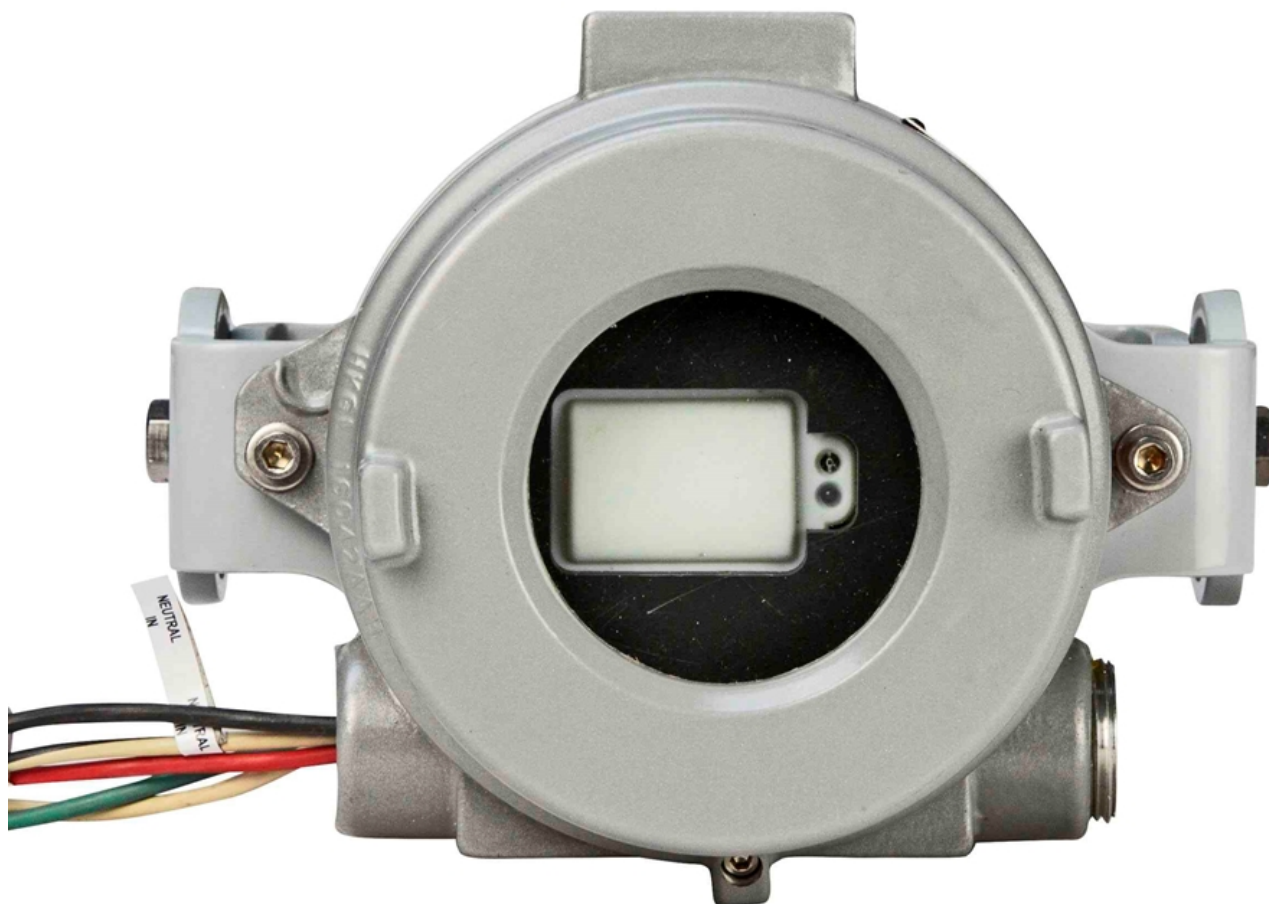
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Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

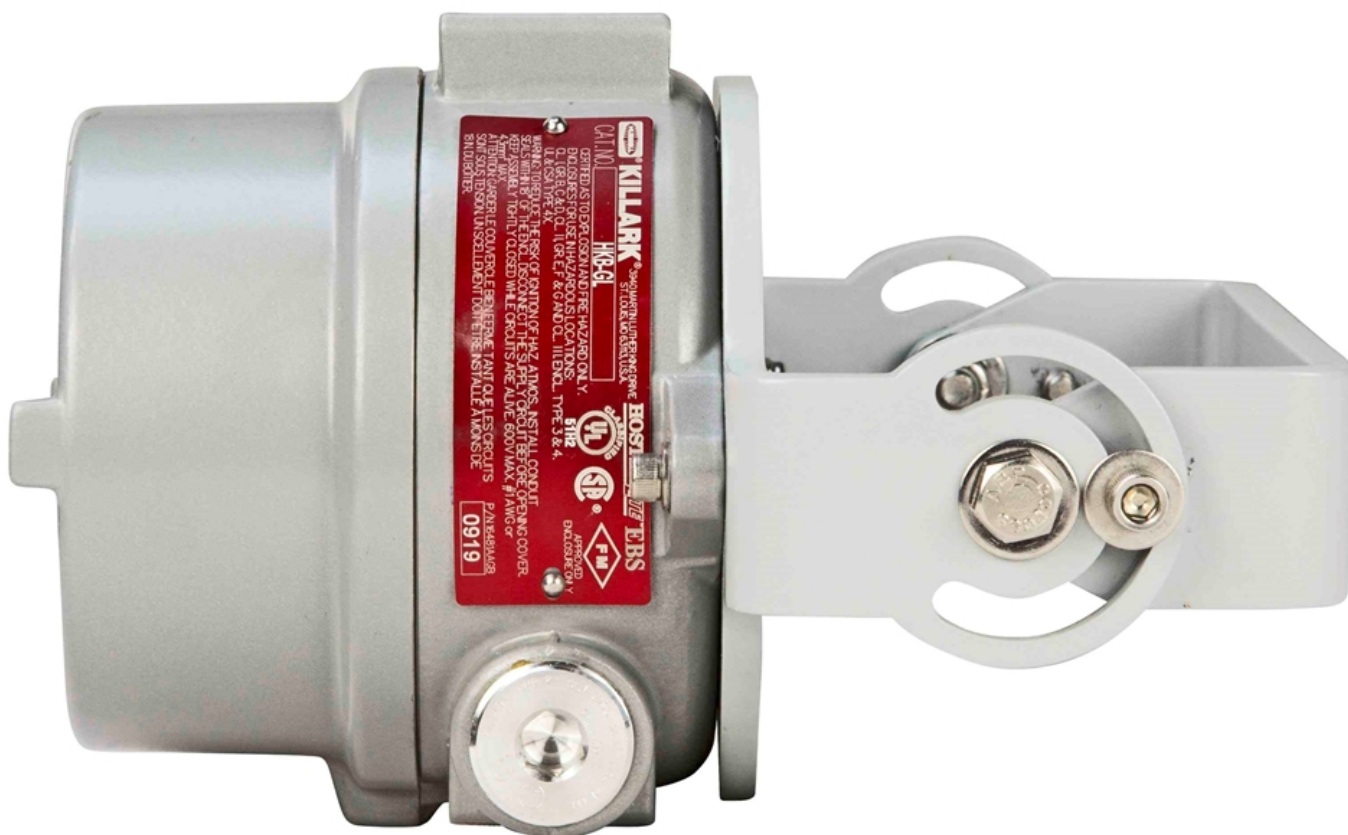


www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664





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Phone: 800.369.6671



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Email: sales@LarsonElectronics.com
Fax: 903.765.7664





Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EXP-MS Series
Description: Explosion Proof Motion Sensor

Evaluated Listings:

UL: FTRV.E83969, BGYM.E83969, FTRX.E150827 – NEC / United States standards

UL: FTRV.E83969, BGYM7.E83969, FTRX7.E150827 – CEC / Canada standards

UL: DEMKO 06 ATEX 141023X, DEMKO 06 ATEX 0521635X – ATEX standards

UL: IEC Ex UL 14.0060X, IEC Ex UL 14.0069X – IEC Ex standards

CSA: LR11716 – CEC / Canada standards

The EXPCMR Series is certified to NEC, CEC, ATEX, and IEC Ex standards for hazardous locations for:

- NEC: Class I, Divisions 1&2, Groups B, C, D; Class II, Divisions 1&2, Groups E, F, G
- NEC: Class I, Zones 1 & 2, Groups IIB + H2, IIA
- CEC: Class I, Divisions 1&2, Groups B, C, D; Class II, Divisions 1&2, Groups E, F, G
- CEC: Class I, Zones 1 & 2, Groups IIB + H2, IIA
- ATEX: Ex II 2 G D, $-60^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$
- IEC EX: Ex db IIC "T4...T3" Gb, Ex e IIC "T4...T3" Gb, Ex tb IIIC "T110°C...T140°C" Db IP66, $-60^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$

The EXP-MS Series is comprised of a Killark HK series device enclosure. This device enclosure contains a microwave motion sensor, power supply, custom mounting of the electronics, wire connections, and an aluminum mounting bracket for the enclosure. This assembly is built to NEC, CEC, ATEX, and IEC standards for hazardous locations.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature:

Name: James Thomas
Position: Operations Manager

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Product Description

Title: INDUSTRIAL CONTROL PANELS
Company: LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information: Industrial Control Panels For General Use.
Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Panels (UL-508A) and are identified with the ETL Listed Mark.

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Product Description

Title: EXPLOSION-PROOF & DUST IGNITION-PROOF ELECTRICAL EQUIPMENT FOR USE IN HAZARDOUS (CLASSIFIED) LOCATIONS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Explosion-Proof and Dust Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (UL-1203) and are identified with the ETL Listed Mark.

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Product Description

Title: INDUSTRIAL CONTROL EQUIPMENT
Company: LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information: Industrial Control Panels For General Use.
Industrial Control Panels Relating to Hazardous (Classified) Locations, Custom Industrial Control Panels.

Power Distribution System, Model Nos. MGL, MPD, MGS series;
Followed by AAK-PBB.FFF-SCC.GGG-EEXCCC.DDD; Where AA = 2,3,5,7,9,15,20,25,30,45,50,75; BB = 1P, 3P; FFF = 480,240,208,120; CC = 1P,3P; GGG = 480,240,208,120; EE = # of outlets; CCC = voltage; DDD = outlet amperage.

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Equipment (CAN/CSA-C22.2 No. 14) and are identified with the cETL Listed Mark.

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Product Description

Title: ENCLOSURES
Company: LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information: Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels

Luminaires, Model Nos. EPL-48-2L-LED-SFC, EPL-24-2L-LED-SFC. for use in Hazardous Locations: Class I, Div. 1, Groups C and D T5 or T6 -20°C < Tamb < 40°C Class II, Div. 1., Groups E, F, and G; Class III Div.1 T3B -20°C < Tamb < 40°C

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Enclosures for use in Class II, Groups E, F, G Hazardous Locations (CAN/CSA-C22.2 No. 25) and are identified with the cETL Listed Mark.

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Product Description

Title: EXPLOSION-PROOF ENCLOSURES FOR USE IN CLASS I HAZARDOUS LOCATIONS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Explosion-proof or dust-ignition-proof Industrial Control Panels for use in Hazardous (Classified) Locations, Model Nos. Custom Industrial Control Panels

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Explosion-Proof Enclosures for Use in Class I Hazardous Locations (CAN/CSA-C22.2 No. 30) and are identified with the cETL Listed Mark.

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EU Declaration Of Conformity



KILLARK

Manufacturer : Killark Electric , Div of Hubbell Inc.(Delaware), 2112 Fenton Logistics Park Blvd , Fenton, MO 63026, USA Tel : (314) 531-0460 Email: killarkinfo@hubbell.com	
Declares in its sole responsibility that the product mentioned below	
Product Designation :	Increased Safety Enclosures with Terminal Blocks
Type Designation :	HK Series
is in conformity with the essential protection requirements of the following Directive(s), Certification Scheme(s) and Standard(s).	
Directive(s) / Scheme(s)	Standard(s)
2014/34/EU ATEX Directive	EN 60079-0:2012+A11:2013 EN 60079-7:2015 EN 60079-31:2014
IEC Certification Scheme For Explosive Atmosphere	IEC 6007-0:2011, Ed. 6.0 IEC 60079-7:2015, Ed. 5.0 IEC 60079-31:2013, Ed. 2.0
Others	EN 60529:1991+A1:2000+A2:2013
Type Examination Certificate	
ATEX DEMKO 06 ATEX 0521635X Rev. 1	IECEx IECEx UL 14.0069X Issue No. 1
Certification Body	
ATEX UL International DEMKO A/S, Lyskaer 8, P.O. Box 514, DK-2730, Herlev, Denmark Reg No.: 0539	IECEx UL LLC, 333 Pfingsten Rd. Northbrook IL 60062-2096 United States Of America
Marking (Note 1)	
ATEX  II 2G Ex eb IIC T4...T3 Gb  II 2D Ex tb IIIC T110 ⁰ C ...T140 ⁰ C Db IP66 2813 Ta = -60 ⁰ C to +70 ⁰ C	IECEx Ex eb IIC T4...T3 Gb Ex tb IIIC T110 ⁰ C ...T140 ⁰ C Db IP66 Ta = -60 ⁰ C to +70 ⁰ C
Note 1: Ratings provided are maximum ratings and may vary depend on the components used and their installation.Refer Certificate,Installation & Operating manual and rating plate on equipment for details.	
QAN compliance has been approved by Notified Body CSA Group Netherlands B.V.,Utrechtseweg 310,6812 AR, Arnhem,Netherlands. (Notified Body number 2813).	
To verify the status and authenticity of IECEx Certificate of Conformity, please visit Official IECEx Website	
Signature : 	
Name : Tom Michalski	
Designation : Certifications Manager	
Place and Date : Fenton, 25-10-2019	



Material Safety Data Sheet

To Whom It May Concern,

The Larson Electronics LLC EXP-MS industrial line of motion sensors for hazardous locations are considered “ARTICLES” under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS). This document does not expire.

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

- i. Which is formed to a specific shape or design during manufacture;
- ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
- iii. Which under normal conditions does not release more than very small quantities.

The “hazardous location” and “explosion proof” are terminology for the environment where these products will be installed. This is not to be confused with “hazardous materials;” this product does not contain any hazardous materials.

Regards,

Ray Smith
Larson Electronics, LLC.

CERTIFICATE OF COMPLIANCE

Certificate Number E150827
Report Reference E150827-19920928
Issue Date 2020-MARCH-19

Issued to: KILLARK, DIV OF HUBBELL INC (DELAWARE)
2112 Fenton Logistics Park Blvd
Fenton MO 63026

This certificate confirms that
representative samples of

ENCLOSURE ACCESSORIES FOR USE IN HAZARDOUS
LOCATIONS
SEE ADDENDUM PAGE

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:

UL 1203, STANDARD FOR EXPLOSION-PROOF AND
DUST-IGNITION-PROOF ELECTRICAL EQUIPMENT FOR
USE IN HAZARDOUS (CLASSIFIED) LOCATIONS.

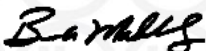
Additional Information:

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<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number E150827
Report Reference E150827-19920928
Issue Date 2020-MARCH-19

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Enclosure accessories for use in Class I, Groups B, C, and D; Class II, Groups E, F, and G hazardous locations having the following designations.

Cat. No. HKB, HKBD, 2HKB, HKSB or 2HKSB enclosure body followed by -01, -02, -20, -21, -22, -01S, -02S, -21S, -22S, -2S1S, -2S2S, -2SO, -2S1, or -2S2; Cat. No. HFC, HK2D, HK4D, HKGL, HK2GLD, HFSC, HKS4D, HKSGL, or HKS2GLD enclosure covers.

Enclosure accessories for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G hazardous locations having the following designations.

Cat. No. HKBX enclosure body followed by -10, -1S, -20, -2S, -M20, or -M25, followed by -SM, -2S, -M25, -MX; HKBX Series Cat. No. HFCX, HKXGL, HKX2D, and HKX2GLD enclosure covers.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number E83969
Report Reference E83969-19890322
Issue Date 2020-MARCH-19

Issued to: KILLARK, DIV OF HUBBELL INC (DELAWARE)
2112 Fenton Logistics Park Blvd
Fenton MO 63026

This certificate confirms that
representative samples of

ENCLOSURES FOR USE IN HAZARDOUS LOCATIONS.
ENCLOSURES FOR USE IN ZONE CLASSIFIED
HAZARDOUS LOCATIONS.
SEE ADDENDUM PAGE

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

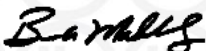
Standard(s) for Safety: UL 1203, STANDARD FOR EXPLOSION-PROOF AND
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Bruce Mahrenholz, Director North American Certification Program

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number E83969
Report Reference E83969-19890322
Issue Date 2020-MARCH-19

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Cat. No. HKB, HKBD, or HKSB (HKB and HKSB may be prefixed by 2) followed by B, GL, 1GLD, 1D, 2GLD, 2D, 4GLD or 4D may be followed by C, may be followed by B, GL, 1GLD, 1D, 2GLD, 2D, 4GLD or 4D, may be followed by C, -10, -1S, -20, and -2S, may be followed by -MOD for Class I, Groups B, C, and D; Class II, Groups E, F, and G; Class III ; Class I, Zone 1, AEx db IIC Hazardous Locations.

Cat. No. HKBX, may be followed by B, GL, 2D or 2GLD, may be followed by 10, 1S, 20, 2S, M20, or M25, may be followed by SM, 2S, M25, or MX for use in Class I, Groups A, B, C and D; Class II, Groups E, F, and G; Class III Hazardous Locations.

Service Temperature: -60°C to +70°C.

Type 3, 4 and 4X Rated.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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Inc. (Delaware)
 2112 Fenton Logistics
 Park Blvd,
 Fenton
 Missouri
 United States
 63026

OUTLET BOXES AND FITTINGS-Boxes -
 For Hazardous Locations

Class I, Groups B, C, and D; Class II, Groups E, F and G; Class III, Types 3, 4 and 4X CSA (complete enclosures and component packaged).

- HK and 2HK Series instrument enclosure (Component Packaged): HKB, HKSB, HKBD, 2HKB, or 2HKSB box with optional covers: HFC, HFSC, HKGL, HKSG, HK1D, HKS2D, HK4D, HKS4D, HK1GLD, HK2GLD, HKS2GLD or HK4GLD denoting flat (F), dome (D), and window covers (GL); with 3/4 in. conduit entries.
- HK and 2HK Series instrument enclosures, Cat No: HKB, HKSB, HKBD, 2HKB, or 2HKSB; may be followed with the suffix 01, 02, 20, 21, 22, 01S, 02S, 21S, 22S, 2S1S, 2S2S, 2SO, 2S1, or 2S2.
- HK Series instrument enclosures, Cat No: HKB, HKSB, or HKBD followed by Suffix B, 1D, 2D, 4D, GL, 1GLD, 2GLD or 4GLD; may be followed with the suffix letter C; with 3/4 in. max conduit entries.
- 2HK Series instrument enclosures Cat No: 2HKB, 2HKSB followed by suffix B, 2D, 4D, GL, or 2GLD, followed by suffix B, 2D, 4D, GL, or 2GLD; may be followed with the suffix letter C; may be followed with the suffix -MOD; with 3/4 in. conduit entries.

Note: Series HK, 2HK and HKB instrument enclosures with or without optional covers (component packaged) when suffix S is added to the Cat No it denotes 316 stainless steel construction. In addition, when suffix -4X is added to the Cat No it denotes enclosure type rating 4X.

Class I, Groups A, B, C, and D; Class II, Groups E, F and G; Class III, Types 3, 4 and 4X; Ambinet Range (-60C to + 70C) (Complete enclosures and component packaged).

- No. HKBX, may be followed by B, GL, 2D or 2GLD, may be followed by 10, 1S, 20, 2S, M20, or M25, may be followed by SM, 2S, M25, or MX. HKBX Series Cat. No. HFCX, HKXGL, HKX2D, and HKX2GLD enclosure covers.
- Outlet Boxes, Cat No SPM25131N34 and SPM25132N34, conduit 4 in. max.
- Series GR outlet boxes (component packaged); Cat No GRBB conduit 1-1/2 in max with optional covers GRB-BC, 2GRBD, 4GRBD, GL-275; Cat No GREB conduit 2 in max with

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we're always here to help. Let's talk.

We're here to answer your questions and help you get started right away. Call or send us a message anytime.

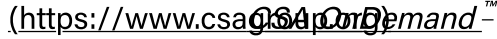
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Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EXP-MS Series
Description: Explosion Proof Motion Sensor

Evaluated Listings:

CE: DIRECTIVE 2014/35/EU - LOW VOLTAGE DIRECTIVE
CE: DIRECTIVE 2014/30/EU - EMC DIRECTIVE
CE: Regulation (EC) No 1907/2006 - REACH REGULATION
CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

The EXP-MS series complies with the essential protection requirements of the European Parliament of the Council Directive for Low Voltage Directive, EMC Directive, REACH Regulation, and RoHS Directive. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EXP-MS Series
Description: Explosion Proof Motion Sensor

Evaluated Listings:

CE: Regulation (EC) No 1907/2006 - REACH REGULATION
CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

This is to certify that products offered by Larson Electronics LLC comply with the Reduction of Hazardous Substances (RoHS) directives. Directive 2002/95/EC became effective on 1 July 2006. It restricts the use of six substances in the manufacture of electrical and electronic equipment. This directive was revised in June 2011 and is now referred to as directive 2011/65/EU. Directive 2015/863/EU amending Annex II to Directive 2011/65/EU announced plans to add four substances from 22 July 2019.

We hereby certify that the equipment specified above conforms to the Directive(s) by containing less of the restricted substances than the stated limits.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EXP-MS Series
Description: Explosion Proof Motion Sensor

Evaluated Listings:

CE: Regulation (EC) No 1907/2006 - REACH REGULATION

This letter establishes the opinion of Larson Electronics LLC regarding the status, under the current European Union ("EU") Regulations on Registration, Evaluation, Authorization, and Restriction of Chemical Substances ("REACH").

REACH does not apply to manufactured products which are referred to as "completed articles". Substances (chemicals) are subject to REACH registration, NOT products.

In addition, Articles are exempt from the REACH requirements if (a) the Article does not contain a substance of very high concern or candidate substance in an amount exceeding 0.1% weight by weight, and (b) if substances present in the Article in excess of 1 ton per year per importer are not expected nor intended to be released.

Based on communication with our raw material suppliers, we conclude that to the best of our knowledge our products requiring REACH compliance do not contain any of the currently listed SVHC in concentrations of 0.1% or above.

Accordingly, we foresee no registration or pre-registration requirement for the products we supply.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature:

Name: James Thomas
Position: Operations Manager



Frequently Asked Questions (FAQ)

There are no Faqs