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

ATEX-HLPH-ALG-DS-SFC-R1

Hazardous Location Analog Phone - IECEx Rated - LCD Display - Wall Mount - IP66

Product ID: 222183



Image: ATEX-HLPH-ALG-DS-SFC-R1

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-HLPH-ALG-DS-SFC-R1 Hazardous Location Phone

Unit Type: IECEx Rated Analog Phone
Dimensions: 8.93" x 11.5" x 5.3" (227mm x 293mm x 135mm)
Weight: 12.7 lbs (5.7 kgs)
Power: Telephone Line (No External Power/Battery Required)
Dialing: DMTF
Call Flash Transfer: 120ms (Maximum)
Keypad: 21 Keys - Alphanumeric, Volume, Arrow Selection
LCD Display: 2-line Alphanumerical Display
Backlight/Handset/Hands-free/Ringer Settings: 4 Levels
Handset: Dynamic Receiver w/ Inductive Coupling (Hearing Aids), Microphone w/ Noise Canceling
Loudspeaker Output: 70 dB @ 3 Feet (1 Meter)
Ringer Output: 95 dB @ 3 Feet (1 Meter)
Ringtones: 9 Selectable Ringtones
Lock: Full Soft or Half Soft
Welcome Text: Programmable
Call Time Counting: Yes
Phone Book Capacity: 50 Selectable Names/Numbers
Auto Answer: Yes
Busy Tone Handling: Auto Release Line if Busy
Dry Contact: External Control Automation
Ambient Operating Temp Range: -25°C to +60°C
Storage Temp Range: -30°C to +70°C
Temp Rating: T6
Materials: Glass Fiber-reinforced Polyester (Housing), Stainless Steel (Keypad)
Wiring: NA

Ratings/Approvals

Certified for International Use
IECEx Rated
Ex e ib mb IIC T6 Gb Ex tb IIIC T80C Db
IK09 Impact Protection
Vandal Resistant
Magnetic Reed Hook-switch
High Temperature Approval
IP66

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

Color: Black

E-mail: sales@larsonelectronics.com

The Larson Electronics ATEX-HLPH-ALG-DS-SFC-R1 Hazardous Location Analog Phone provides seamless communication in Group I and Group II IECEx rated combustible locations. This analog unit does not require external power or batteries (telephone line-powered). Equipped with a noise canceling handset, operators can save up to 50 names/numbers into the device. The IP66-rated phone is constructed of glass fiber-reinforced polyester and stainless steel.

The ATEX-HLPH-ALG-DS-SFC-R1 is a cutting-edge phone for hazardous locations and IECEx rated facilities. This analog device features DTMF dialing and contains a 21-key alphanumeric keypad. A 2-line LCD display enables operators view and configure settings. This industrial phone features programmable welcome text, call time counting, auto answer and dry contact for external control automation. When a busy line is detected, the device will automatically release the line upon detection. Operators can save a total of 50 names/numbers in the phone and select up to 9 different ringtones. Four levels are available for backlight, handset, hands-free and ringer volume settings.

Full soft lock setting limits functions to dial out from the phone book only. Half soft lock limits dial out to starting number/area code. The handset is a dynamic receiver with inductive coupling, which caters to hearing aids. The microphone is equipped with noise canceling features. An output of 70 dB @ 3 feet is provided when the loudspeaker is activated. Standard ringer output is 95 dB @ 3 feet.

This flameproof phone is constructed of glass fiber-reinforced polyester and stainless steel. The T6-rated communication device is vandal resistant and features IK09 impact protection. Suitable for use in environments ranging between -25°C to +60°C, the IP66-rated unit can be used in Group I and Group II IECEx rated flammable sites.

Power: The ATEX-HLPH-ALG-DS-SFC-R1 is powered by the telephone line. It does not require external power or batteries.

Mounting: The hazardous location phone is designed for wall-mounting installations.

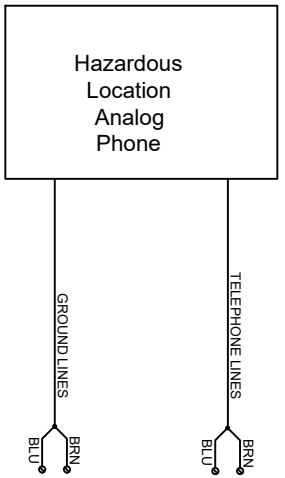
Suggested Applications: Hazardous locations, communication, chemical processing, oil and gas, offshore, industrial sites, warehouses, manufacturing, daily operations and more.

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.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	5/28/2026

ATEX-HLPH-ALG-DS-SFC-R1

LARSON ELECTRONICS®



LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE: ATEX-HLPH-ALG-DS-SFC-R1		
	DRAWN BY: S.DESAI	DATE: 5/28/2026	REV: A
	CHECKED BY:	SHEET #: 1 OF 1	DRAWING #: 101

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Certificate of Conformity

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

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

Model: ATEX-HLPH-ALG-XX-SFC-R1
Description: Hazardous Location Analog Phone

Evaluated Listings:

CQM: IECEx_CQM_15.0017X_000 – IEC Ex standards

The ATEX-HLPH-ALG-XX-SFC-R1 Series is certified IEC Ex standards for hazardous locations.

The ATEX-HLPH-ALG-XX-SFC-R1 Series is comprised of a KNEX1 handset. This handset may include custom labeling and icons on buttons, custom mounting, and custom external non electrical accessories. This assembly is built to IEC standards for hazardous locations.

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

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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p: 1-800-369-6671 • intl: 903-498-3363 • f: 903-498-3364 • sales@larsonelectronics.com

Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC ATEX-HLPH-ALG-XX-SFC-R1 industrial line of phones 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).

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.

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Certification

Manufacturer: Larson Electronics LLC
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Declare the following equipment conforms to the standard(s) as listed:

Model: ATEX-HLPH-ALG-XX-SFC-R1
Description: Hazardous Location Analog Phone

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 ATEX-HLPH-ALG-XX-SFC-R1 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

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Evaluated Listings:

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

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Model: ATEX-HLPH-ALG-XX-SFC-R1
Description: Hazardous Location Analog Phone

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

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Frequently Asked Questions (FAQ)

There are no Faqs