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

HLSW-xx-SP0003-R

Hazardous Location Mushroom Push Button - C1D2/C2D1 - Momentary - Red - ATEX/IECEx - IP66/N4X

Product ID: 223440



Image: HLSW-xx-SP0003-R

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.

HLSW-xx-SP0003-R Hazardous Location Push Button

Listing: United States, Canada, European Union, International
Unit Type: Hazardous Location Push Button Switch
Dimensions: -
Weight: -
Voltage Rating: -
Frequency Rating: 50/60 Hz
Action: Momentary
Button Type: Mushroom
Contact Blocks: Supports up to 2, not included
Contact Configuration: N/A
Amps: -
Operating Temp: -40°C to 55°C
Hardware Materials: Silicone Sealing Washer
Mount: Panel/Surface
Hubs: -
Color: Red

Ratings

Class I, Division 2 Group A,B,C,D
Class II, Division 1 Groups E,F,G (Canada)
Class II, Division 2 Groups E,F,G
Class III
Zone 1&2/Zone 21&22
Ex II 2 G Ex e IIC Gb
Ex II 2 D Ex tb IIIC Db
Type 3/4/4X/12/13
IP66

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 Larson Electronics HLSW-xx-SP0003-R Hazardous Location Mushroom Push Button provides robust motor control in combustible sites. This momentary action accessory contains two contact blocks and takes on a mushroom head design. The push button is NEMA 4X and IP66 rated, making it suitable for rugged environments.

The HLSW-xx-SP0003-R is a red push button switch designed for hazardous locations. Featuring a 50/60 Hz frequency rating, this momentary unit incorporates a mushroom head design for visibility. The red hazardous location push button is compatible with up to two contact blocks, not included. Each contact block can be configured as normally open or normally closed. For purchasing contact blocks, please see HLSW-xx-SP0004.

For added protection during use, this NEMA 4X rated unit is equipped with a silicone sealing washer.

Mount: The HLSW-xx-SP0003-R comes with a panel mounting bracket for seamless installations on control stations, panels and compatible surfaces.

Applications: Hazardous locations, control stations, motor control, machine control, ATEX/IECEX sites, lighting circuits, motor functions 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.

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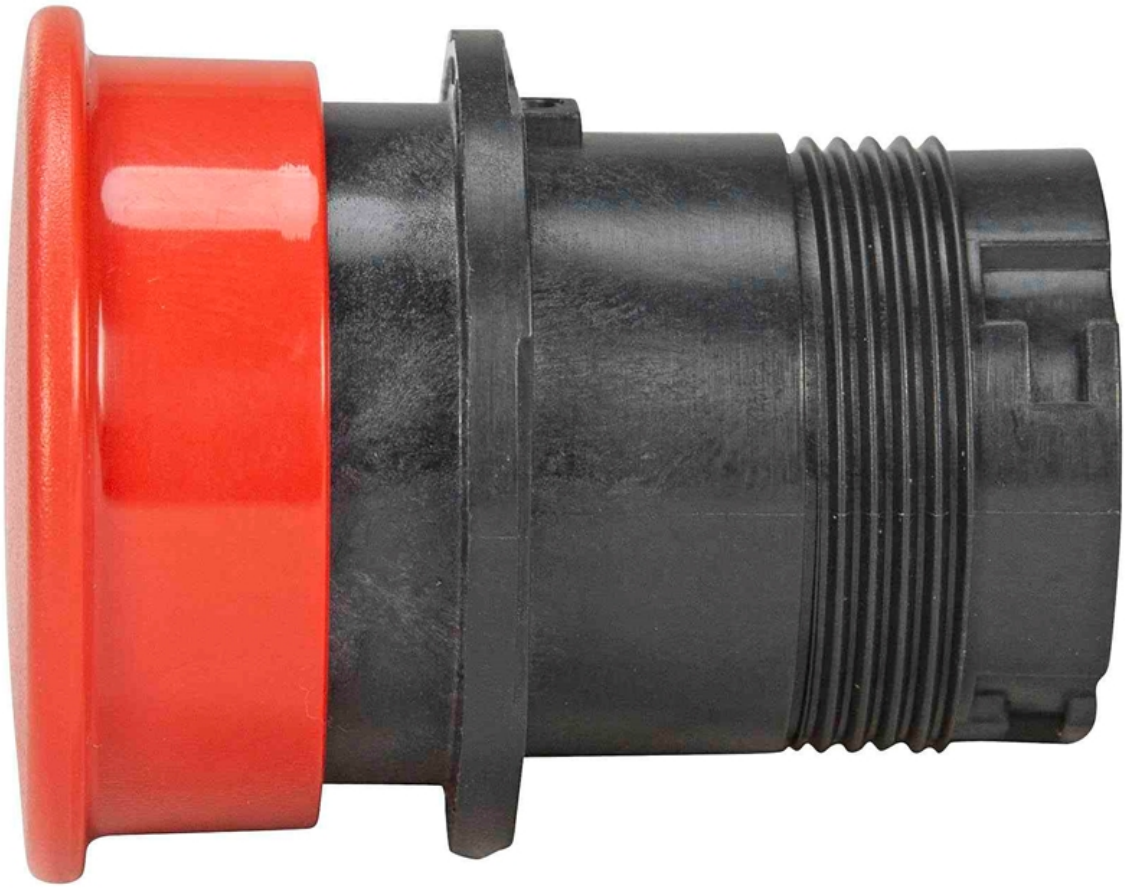
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Certificate of Conformity

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

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

Model: HLSW Series
Description: Hazardous Location Switches

Evaluated Listings:

UL: NNNY.E53360, NWFA.E53360 – NEC / United States standards
UL: NNNY7.E53360, NWFA7.E53360 – CEC / Canada standards
UL: DEMKO 15 ATEX 1405X **–** ATEX standards
UL: IECEx UL 15.0054X – IEC Ex standards
CSA: LR11716 – CEC / Canada standards

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

The HLSW Series is comprised of a Killark HKH series device. 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

LARSON ELECTRONICS LLC • 9419 E US HWY 175 • KEMP, TX 75143
p: 1-800-369-6671 • intl: 903-498-3363 • f: 903-498-3364 • sales@larsonelectronics.com

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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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Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC EPL, EPCS, EPS, EPSW, HLX, and HLSW industrial line of switches and operators 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.

LARSON ELECTRONICS LLC • 9419 E US HWY 175 • KEMP, TX 75143
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UL Product iQ™

NNNY.E53360 - INDUSTRIAL CONTROL PANELS AND ASSEMBLIES FOR USE IN HAZARDOUS LOCATIONS

Industrial Control Panels and Assemblies for Use in Hazardous Locations

See General Information for Industrial Control Panels and Assemblies for Use in Hazardous Locations

KILLARK, DIV OF HUBBELL INC (DELAWARE) E53360
2112 FENTON LOGISTICS PARK BLVD
FENTON, MO 63026 USA

Class I, Group D

Modular control covers, receptacles, for use with plugs Cat. Nos. KP-20SU37, KP-20SU38 and KP-30 series, "KRS Series", KRS-20SU37, KRS-20SU38, KRS-303, KRS-304

Class I, Groups A, B, C and D

Division 2, modular control bodies, box, PWB, followed by additional letters and/or numbers.

Class I, Groups C and D

Modular control body, outlet boxes, for use with KRJ receptacles, AJAC Series, AJAT Series, AJC Series

Modular control covers, receptacles, for use with AJ outlet boxes, KRJ Series

Class I, Groups C and D; Class II, Groups E, F and G; Class III

Blank covers, X-10

Manual motor control cover assemblies, for use with Series SWB bodies, "XS Series", XSD, followed by 0, followed by 1 or 2.

Modular control bodies, "FXB Series", FXB-1, FXB-10, FXB-11, FXB-12, FXB-2, FXB-3, FXB-4, FXB-5, FXB-6, FXB-7, FXB-8, FXB-9

modular control covers, ground fault interrupter, "FXS-GFI Series", FXS-GFI, followed by 03, may be followed by PL.

Modular control covers, manual motor controller, "FXS Series", FXS, followed by A, D, G, W or X, followed by 0, followed by 1, 2 or 3, may be followed by SU-87.

Modular control covers, pilot lights, "FXCS Series and FZCS Series", FXCS Series and FZCS Series", FXCS-0 or FZCS-0, followed by A or B, followed by 13-C, -0, -U, 15 or 16, followed by AL, BL, CL, FL or GL, may be followed by SU-87.

Modular control covers, pilot lights, "FXCS Series and FZCS Series", FXCS Series and FZCS Series", FXCS-0 or FZCS-0, followed by B, followed by 1, 2, 3, 4, 5, 6 or 7, followed by B4, B24, B25, B30, B31, or B34 followed by AL, BL, CL, FL, GL or RL, may be followed by SU-87.

Modular control covers, pilot lights, "FXCS Series and FZCS Series", FXCS Series and FZCS Series", FXCS-0 or FZCS-0, followed by B, followed by 4, 24, 25, 30, 31, or 34 followed by AL, BL, CL, FL, GL or RL, may be followed by SU-87.

Modular control covers, pilot lights and combination pilot light push button stations, "XCS Series", XCS-XCS-0B24, XCS-0B30

Modular control covers, push button station, "XTS Series", XCS-0B1, XCS-0B2, XCS-0B3, XCS-0B4, XCS-0B4-U, XCS-0B4FS, XCS-0B5, XCS-0B6, XCS-0B7

Modular control covers, push-button station, "FXCS Series and FZCS Series", FXCS-0 or FZCS-0, followed by A or B, followed by 1, 2, 3, 4, 4FS, 4U, 5, 6 or 7, may be followed by SU-87.

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Modular control covers, push/pull mushroom head switch assembly, "XCS Series", XCS-0MRM3

Modular control covers, selector switch, "XCS Series", XCS-0K2A1D, XCS-0K2A5D, XCS-0K3C4D, XCS-0K3C5D, XCS-0S2A1, XCS-0S2A5, XCS-0S3C4, XCS-0S3C5

Modular control covers, snap switches, "FXCS Series and FZCS Series", ", FXCS-0 or FZCS-0, followed by K or S, followed by 2 or 3, followed by L, M or R, followed by 3 or 6, followed by F or G, followed by 2, 3, 21, 22, 31, 32 or 33, followed by A or D, may be followed by SU-87

Modular control covers, snap switches, "FXCS Series and FZCS Series", FXCS-0 or FZCS-0, followed by S, followed by 2, 3, or 4, followed by A, C, G or H, followed by 1, 4 or 5 may be followed by SU-87

Modular control covers, snap switches, "FXCS Series and FZCS Series", FXCS-0K or FZCS-0K, followed by 2, 3, 21, 22, 31, 32 or 33, followed by A, C, or G, followed by 1, 4, 5, 8 or 88, may be followed by SU-87.

Modular control covers, snap switches, "FXS Series", FXS, followed by 1C, 2C, 3C, 4C, 5C, 6C, 7C, 8C, 9C, 1D, 2D, 3D, 4D, 5D, 7D, 1T, 2T, 3T, 4T or 5T, may be followed by SU-87.

Modular control covers, snap switches, "XS Series", XS-1C, XS-1D, XS-1T, XS-2C, XS-2D, XS-2T, XS-3C, XS-3D, XS-3T, XS-4C, XS-4T, XS-5C, XS-5D, XS-6C, XS-7C, XS-7D, XS-8C, XS-9C

Modular control covers, snap switches, "XTS Series", XTS-1C, XTS-1D, XTS-1T, XTS-2C, XTS-2D, XTS-2T, XTS-3C, XTS-3D, XTS-3T, XTS-4C, XTS-4T, XTS-5C, XTS-5D, XTS-6C, XTS-7C, XTS-7D, XTS-8C, XTS-9C

Modular control panels, "GCS Series", GCS-1, GCS-10, GCS-11, GCS-12, GCS-13, GCS-14, GCS-15, GCS-152, GCS-16, GCS-163, GCS-17, GCS-18, GCS-19, GCS-2, GCS-20, GCS-21, GCS-3, GCS-31, GCS-32, GCS-33, GCS-34, GCS-35, GCS-36, GCS-37, GCS-38, GCS-4, GCS-41, GCS-42, GCS-43, GCS-44, GCS-45, GCS-46, GCS-48, GCS-49, GCS-5, GCS-6, GCS-7, GCS-8, GCS-9

Modular control panels, "SPH Series", SPH, followed by a five-digit number.

Modular control panels, modular control bodies, enclosures, max. conduit size 1-1/2 in., "SWB Series", SWB-1, SWB-10, SWB-11, SWB-12, SWB-13, SWB-14, SWB-17, SWB-18, SWB-19, SWB-2, SWB-20, SWB-21, SWB-3, SWB-31, SWB-32, SWB-33, SWB-34, SWB-35, SWB-36, SWB-37, SWB-38, SWB-4, SWB-41, SWB-42, SWB-43, SWB-44, SWB-45, SWB-46, SWB-48, SWB-49, SWB-5, SWB-6, SWB-7, SWB-8, SWB-9

Class I, Groups C and D; Class II, Groups F and G; Class III

Modular control covers, receptacles with plugs interlocked with switches, plugs, "U Series", U, followed by GP, followed by 15231, 15232, 20231, 20232.

Modular control covers, receptacles with plugs interlocked with switches, receptacles, "U Series", U, followed by 0, may be followed by 20231 or 20232, may be followed by R.

Class I,Groups C and D; Class II, Groups E, F, and G, Class III

Modular control cover assemblies, FXS and FXCS Series as described above for use with single gang series FXB bodies with backbox spacer Part No. FXB075SPCR, FXB10SPCR, FXB15SPCR or FXB20SPCR, for use in Class I, Groups C and D; Class II, Groups E, F, and G, and Class III Hazardous Locations.

Modular control cover, with pilot lights, push buttons and selector switches, D2C, followed by additional letters and/or numbers.

Last Updated on 2020-01-04

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NWFA.E53360 - CONTROL PANELS AND ASSEMBLIES FOR USE IN ZONE CLASSIFIED HAZARDOUS LOCATIONS

Control Panels and Assemblies for Use in Zone Classified Hazardous Locations

See General Information for Control Panels and Assemblies for Use in Zone Classified Hazardous Locations

KILLARK, DIV OF HUBBELL INC (DELAWARE) E53360
2112 FENTON LOGISTICS PARK BLVD
FENTON, MO 63026 USA
Class I, Zone 1, AEx de IIC T6...T4; Zone 21, AEx tb IIIC T85°C...T135°C

Control assemblies, "HKH Series", Model(s) HKH1AE*, HKH1AN*, HKH1AS*, HKH1BE*, HKH1BN*, HKH1BS*, HKH1CE*, HKH1CN*, HKH1CS*, HKHMOD*

* - Can be followed by additional numbers and letters indicating different options that do not impact the protection method.

Last Updated on 2018-04-12

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CERTIFICATE OF COMPLIANCE

Certificate Number	20190715-E53360
Report Reference	E53360-20160129
Issue Date	2019-JULY-15

Issued to:	KILLARK, DIV OF HUBBELL INC (DELAWARE) 3940 MARTIN LUTHER KING DR ST LOUIS, MO 63113 USA
This is to certify that representative samples of	CONTROL PANELS AND ASSEMBLIES FOR USE IN ZONE CLASSIFIED HAZARDOUS LOCATIONS Flameproof and Increased Safety Control Stations for use in Class I, Zone 1, AEx d e IIC T6…T4; Ex d e IIC T6…T4; Zone 21, AEx tb IIIC T85°C…T135°C; Ex tb IIIC T85°C…T135°C Hazardous Location. Model Nos. HKH1AN, HKH1AS, HKH1AE, HKH1BN, HKH1BS, HKH1BE, HKH1CN, HKH1CS, HKH1CE, HKH2AN, HKH2AS, HKH2AE, HKH2CN, HKH2CS, HKH2CE, and HKHMOD, followed by additional numbers and letters indicating different actuator and component configurations and optional accessories which do not impact the protection method. Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	See Addendum for Standards
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

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Bruce Mahrenholz, Director North American Certification Program

UL LLC

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CERTIFICATE OF COMPLIANCE

Certificate Number	20190715-E53360
Report Reference	E53360-20160129
Issue Date	2019-JULY-15

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

Addendum -

Standards for Safety:

UL 60079-0, 6th Ed., Explosive atmospheres – Part 0: Equipment – General requirements

UL 60079-1, 6th Ed. - Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d"

UL 60079-31, 1st Ed., Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t”

UL 60079-7, 4th Ed., Rev. 2013-05-31, Explosive Atmospheres – Part 7: Equipment protection by increased safety “e”

UL 50, 12th Edition, revised 2012-04-27, Enclosures for Electrical Equipment, Non-Environmental Considerations

UL 50E, 1st Edition, Issued 2012-04-27, Enclosures for Electrical Equipment, Environmental Considerations

UL 1059, 4th Edition, Issued 2001-12-27, Terminal Blocks

CAN/CSA-C22.2 No. 60079-0:11, Explosive atmospheres — Part 0: Equipment — General requirements

CSA-C22.2 No. 60079-1: 2012 - Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d"

CAN/CSA-C22.2 No. 60079-31:12, Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t”

CAN/CSA C22.2 No. 60079-7:12, Explosive atmospheres — Part 7: Equipment protection by increased safety “e”

CSA C22.2 No. 158-10, 3rd Edition, Terminal Blocks

CAN/CSA C22.2 No. 94.2-07, 1st Edition, Issued 2012-04-27, Enclosures for Electrical Equipment, Environmental Considerations

CAN/CSA C22.2 No. 14-13, 12th Edition, Issued 2013-03-01, Industrial control equipment

Bruce Mahrenholz, Director North American Certification Program

UL LLC

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UL Product iQ™

NNNY7.E53360 - INDUSTRIAL CONTROL PANELS AND ASSEMBLIES FOR USE IN HAZARDOUS LOCATIONS CERTIFIED FOR CANADA

Industrial Control Panels and Assemblies for Use in Hazardous Locations Certified for Canada

See General Information for Industrial Control Panels and Assemblies for Use in Hazardous Locations Certified for Canada

KILLARK, DIV OF HUBBELL INC (DELAWARE) E53360
2112 FENTON LOGISTICS PARK BLVD
FENTON, MO 63026 USA
Class I, Groups A, B, C and D

Division 2, modular control bodies, box, PWB, followed by additional letters and/or numbers.

Modular control cover, with pilot lights, push buttons and selector switches, D2C, followed by additional letters and/or numbers.

Last Updated on 2020-01-04

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UL Product iQ™

NWFA7.E53360 - CONTROL PANELS AND ASSEMBLIES FOR USE IN ZONE CLASSIFIED HAZARDOUS LOCATIONS CERTIFIED FOR CANADA

Control Panels and Assemblies for Use in Zone Classified Hazardous Locations Certified for Canada

See General Information for Control Panels and Assemblies for Use in Zone Classified Hazardous Locations Certified for Canada

KILLARK, DIV OF HUBBELL INC (DELAWARE) E53360
2112 FENTON LOGISTICS PARK BLVD
FENTON, MO 63026 USA
Ex d e IIC T6...T4 Gb; Ex tb IIIC T85°C...T135°C Db

Control stations, "HKH Series", Model(s) HKH1AE*, HKH1AN*, HKH1AS*, HKH1BE*, HKH1BN*, HKH1BS*, HKH1CE*, HKH1CN*, HKH1CS*, HKHMOD*

* - Can be followed by additional numbers and letters indicating different options that do not impact the protection method.

Last Updated on 2018-04-12

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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: HLSW Series
Description: Hazardous Location Switches

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 HSLW 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

LARSON ELECTRONICS LLC • 9419 E US HWY 175 • KEMP, TX 75143
p: 1-800-369-6671 • intl: 903-498-3363 • f: 903-498-3364 • sales@larsonelectronics.com

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: HLSW Series
Description: Hazardous Location Switches

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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Certification

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Kemp, Texas 75143

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

Model: HLSW Series
Description: Hazardous Location Switches

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: James Thomas

Name: James Thomas
Position: Operations Manager

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Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

There are no Faqs