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<- Back

Product Description

Title: ELECTRIC LUMINAIRES FOR USE IN HAZARDOUS LOCATIONS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Trade Name(s): Magna Light.

LED Flood Light, Model Nos. EPLC2-HB-150LED-RT, EPLC2-LED-150W-RT, EPLC2-WPLED-150W-RT, EPLC2-HB-150LED-RT-48, EPLC2-HB-100LED-RT, EPLC2-HB-100LED-RT-UVA, EPL-HB-150LED-RT, EP-LED-150W-RT, EPL-WPLED-150W-RT, EPL-HB-150LED-RT-48, EPL-HB-100LED-RT, EPL-HB-100LED-RT-UVA, HAL-12-IPS-LED-1224DC, HAL-24-IPS-LED-1224DC, HAL-36-IPS-LED-1224DC, HAL-48-IPS-LED-1224DC; followed by -UVA, -UVB, -UVC, -IR, -C, -VISUV, -VISIR, -VISRED, -VISBLU, -VISGRN, -VISAMB, -27K, -30K, -40K, -45K, -50K, -55K, -56K, -60K, -65K, -DAYLIGHT, -750NM, -770NM, -850NM, -940NM, -1550NM, -RED, -BLU, -GRN, -AMB, or -PRPL.

LED Fixed Lighting suitable for used in Class I, Division 1, Groups C, D. Class I, Division 2, Groups A, B, C & D, T6, -25°C to +40°C., Model Nos. EPL-LP-12-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-48-LED-SFC.LED Fixed Lighting suitable for used in Class I Division 1 Group B C and D, Class I Division 2 Group A B C and D, Class II Division 1 Group E F and G, Class II Division 2 Group F and G and Class III hazardous locations, T6, -25°C to +40°C., Model Nos. EPL-HB-100LED-RT, EPL-HB-150LED-RT, EPL-HB-200LED-RT, EPL-HB-240LED-RT, EPL-HB-300LED-RT.

LED Light, Model Nos. HAL-7W-LED-XX-Y-ZZZ, HAL-XX-YYY-LED-XX-T-ZZZZ, HAL-31L-LV-XX-Y-ZZZZ, HAL-60W-HV-XX-Y-ZZZZ.

LED Luminaire for use in Class I, Division 1&2, Groups C&D, T5 Hazardous Location, Model Nos. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -1227 or -1224; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM, -CLG; followed by -1347 or -347V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM, -CLG; followed by -3480 or -480V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K.

Luminaires, Model Nos. HAL; followed by 24 of 48; followed by 2L; followed by T8,T5HO, LED or LEDT8; followed by SFC. For use in: Hazardous Locations: Class I, Div. 2, Groups A, B, C and D -20°C < Tamb < 40°C, T5.

Luminaires, Model Nos. EPL; followed by EM; followed by 24 or 48; followed by 2L; followed by T8,T5HO,T12,T12HO, LEDT8 or LED; followed by SFC. For use in: Hazardous Locations Class I, Division 1, Groups C and D, Class II, Division 1, Groups E, F, G, Class III.

Luminaires, Model Nos. EPL-48-2L-LED-SFC, EPL-24-2L-LED-SFC. for

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	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. Luminaires, Model Nos. HALP; followed by 24 of 48; followed by 2L or 3L; followed by LED; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: Luminaires with “LEDT8” suffix: T4 -20°C < Tamb < 55°C Luminaires with “LED” suffix: T4 -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 Electric Luminaries for Use in Hazardous Locations (CAN/CSA-C22.2 No. 137) and are identified with the cETL Listed Mark.

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Product Description

Title: LUMINAIRES

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Trade Name(s): Magna Light.

Fixed Luminaires, Model Nos. EPL-HB-100LED-RT, EPL-HB-150LED-RT, EPL-HB-200LED-RT, EPL-HB-240LED-RT, EPL-HB-300LED-RT, EPL-EMG-LB-100LED-RT, EPL-EMG-LB-150LED-RT, EPL-EMG-LB-200LED-RT.

LED Flood Light, Model Nos. EPLC2-HB-150LED-RT, EPLC2-LED-150W-RT, EPLC2-WPLED-150W-RT, EPLC2-HB-150LED-RT-48, EPLC2-HB-100LED-RT, EPLC2-HB-100LED-RT-UVA, EPL-HB-150LED-RT, EPL-LED-150W-RT,
EPL-WPLED-150W-RT, EPL-HB-150LED-RT-48, EPL-HB-100LED-RT, EPL-HB-100LED-RT-UVA.

LED Light, Model Nos. HAL-7W-LED-XX-Y-ZZZ, HAL-XX-YYY-LED-XX-T-ZZZZ, HAL-31L-LV-XX-Y-ZZZZ, HAL-60W-HV-XX-Y-ZZZZ.

Luminaires, Model Nos. HAL; followed by 24 of 48; followed by 2L; followed by T8,T5HO, LED or LEDT8; followed by SFC. For use in: Hazardous Locations: Class I, Div. 2, Groups A, B, C and D -20°C < Tamb < 40°C, T5.

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

Luminaires, Model Nos. HALP; followed by 24 of 48; followed by 2L or 3L; followed by LED; followed by SFC. For use in: Hazardous Locations Class I, Division 2, Groups A, B, C and D: Luminaires with “LEDT8” suffix: T4 -20°C < Tamb < 55°C Luminaires with “LED” suffix: T4 -20°C < Tamb < 40°C.

Surface-mounted Luminaire, Model Nos. EPL-LP-12-LED-SFC, EPL-LP-12-LED-SFC, EPL-LP-12-LED-SFC, EPL-LP-12-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-24-LED-SFC, EPL-LP-48-LED-SFC, EPL-LP-48-LED-SFC, EPL-LP-48-LED-SFC, EPL-LP-48-LED-SFC.

Wall mounted luminaire, Model Nos. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -1227 or -1224; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -1347 or -347V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K. EPL-HB-50LED-RT; followed by -CM, -STNCH, -PT, -WM or -CLG; followed by -3480 or -480V; followed by -60DB, -100DB or -140DB; followed by -30K, -40K or -50K.

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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 Luminaires (CAN/CSA-C22.2 No. 250.0) and are identified with the cETL Listed Mark.; A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Luminaires (CAN/CSA-C22.2 No. 250.0) and are identified with the cETL Listed Mark.

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CERTIFICATION RECORD

The company named below has been authorized by CSA International to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

File No: 011712_C_000

Class No: 6248 01 SWITCHES Snap - For Hazardous Locations

SUBMITTOR

4501218

Killark, Div of Hubbell Inc.
(Delaware)
2112 Fenton Logistics Park Blvd
Fenton, Missouri 63026
United States

FACTORIES

4501218

Killark, Div of Hubbell Inc.
(Delaware)
2112 Fenton Logistics Park Blvd
Fenton, Missouri 63026
United States

September 17, 2012 (Replaces: July 28, 1998)

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

- Series XP, XPB, XSP, Cat Nos XP-, XPB-, XSP-1 to -14 incl., -17 to -21 incl., with suffix numbers 1, 2 or 3 (these suffixes may be repeated up to five times).
- Series XDT, XDTF, Cat Nos XDT-, XDTF-1 to -14 incl., -17 to -21 incl., with or without suffix numbers or 3 (these suffixes, singly or in combination, may be repeated up to five times).
- Series XS, XT, Cat Nos XS-1, XT-1, each through -14, -17 through -21, and -41 through -46 with suffix number 1C, 2C, 3C, 4C, 5C, 6C, 7C, 8C, 9C, 1D, 2D, 3D, 5D, 7D, 1T, 2T, 3T or 4T. The suffix numbers may be repeated up to five times.

Note: Series XT and XT assemblies suitable for Encl 3 designationwhen provided with a Certified breather drain/fitting.
Max electrical ratings for above switches are as follows:

		Ampere Rating		HP Rating
Series	Style	125V	250V	230V ac, 250V
XP, XPB, XSP	1-pole	20	10	-

	2-pole	-	20	2
	3-way	10	5	-
XDT, XDTF	1-pole	10	5	-
	2-pole	10	10	-
	3-way	10	5	-
	Switch	Switch		-
	Suffix	Rating	Suffix	Rating
XS, XT:	-1C, -3C, -4C	R1	-1T	R8, R9
	-2C	R1, R3, R4		
	-5C, -6C, -7C	R1, R3, R5	-2T	R8, R9, R11
	-8C	R6	-3T	R8, R10
	-1D, -2D, -3D	R2, R4, R7		Alt., R8, R9
	-5D, -7D	R2, R3, R5	-4T	R13, R14

		Switch Rating	
R1	120/277V 20A	R8	125V,20A T
R2	120/277V 30A	R9	250V, 20A
R3	1 hp, 120V ac	R10	250V, 10A
R4	2 hp, 240V ac	R11	2 hp, 230V ac, 250V dc
R5	1 hp, 240V ac	R12	125V, 10A
R6	15A, 240/480V ac 3 ph, 3 hp	R13	250V, 5A
	240V ac	R14	125V, 10A T
	5 hp, 480V ac	R15	125V, 20A
R7	2 hp, 120V ac		

Class I, Groups C and D; Class II, Groups E, F and G; Class III; (Factory Sealed),(Component Packaged):

- Tumbler switches, single or double gang, Series FXS, Cat Nos FXS-1 to 12, followed by Suffix 1C to 6C, rated 20A, 120/277V ac; Cat Nos FXS-1 to -12 followed by Suffix 8C, rated 15A, 240/480V ac, 3 ph, 3 hp-240V ac; 5 hp-480V ac; Cat Nos FXS-1 to -12 followed by Suffix 9C, rated 20A-125V ac; 10A-250V ac; Cat Nos FXS-1 to -12, followed by Suffix 1, 2, 3, 5, 7 followed by Suffix D, rated 30A, 120/277V ac, 1 ph; Cat No FXS-1 to -12 followed by the following suffix:

Suffix		125V	250V	230V
1T	1 pole	20T	20	-
2T	2 pole	20T	20	2 hp
3T	3 way	20T	10	-
4T	4 way	10T	5	-

- Cover sub-assemblies may be shipped separately and are intended to be assembled during installation with "Killark" splice boxes Series FXB, single or double gang.

- Cover sub-assemblies, "Factory Sealed", tumbler switch, Series FXS; Cat Nos FXS-1C to 6C, rated 20A, 120/277V ac; Cat No FXS-8C, rated 15A, 240/480V ac, 3 ph, 3 hp-240V ac, 5 hp-480V ac; Cat No FXS-9C, rated 20A-125V ac, 10A-250V ac; Cat Nos FXS-1, 2, 3, 5, 7 followed by Suffix D, rated 30A, 120/277V ac, 1 ph.

Cat No		125V	250V	230V
FXS-1T	1 pole	20T	20	-
FXS-2T	2 pole	20T	20	2 hp
FXS-3T	3 way	20T	10	-
FXS-4T	4 way	10T	5	-

- Splice boxes, Cat Nos FXB-1 through FXB-6, single gang type; Cat Nos FXB-7 through FXB-12, double gang type, dead end or through feed 1/2 in, 3/4 in or 1 in hub.

Class I, Groups C and D; Class II, Groups E, F and G; Class III(Component Packaged):

- Tumbler switch and snap switches, single, double or multi-gang, Series XS and XT; Cat Nos XS and XT-1 through -14, -17 through -21, -31 through -38, 41 through -45; followed by Suffix 1, 2, 3, 4, 5, 6, 7, 8, 9, followed by Suffix C or D rated 30A, 120/277V ac; Cat Nos XS and XT-1 through -14, -17 through -21, -31 through -38, -41 through -45, followed by Suffix 1, 2, 3, 4, followed by T, rated:

Suffix		125V	250V	230V
1T	1 pole	20T	20	-
2T	2 pole	20T	20	2 hp
3T	3 way	20T	10	-
4T	4 way	10T	5	-

- Cover sub-assemblies may be shipped separately and are intended to be assembled during installation with "Killark" splice boxes, Series SWB, single, double or multi-gang.
- Cover sub-assemblies, tumbler and snap switches, Series XT and XS, Cat No XS-0 followed by Suffix 1, 2, 3, 4, 5, 6, 7, 8, 9 followed by C or D; Cat No XTS-0, followed by Suffix 1, 2, 3, 4, followed by T, and blank cover, Cat No X-10.

Notes:

1. Suffix numbers may be repeated up to five times.
2. Series XS and XT assemblies, suitable for Encl 3 designation when provided with a Certified breather/drain fitting.

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

- Series No XST followed by 15 or 20, followed by 21C, 23C, 31C, 33C, 51C, 53C, 61C or 63C; Rated 20A max, 347VAC max.

ELECTRICAL RATINGS:

These devices have the following electrical ratings:

Series XST Suffix	***Switch Type***	***Hubbell Wiring Switch Cat. No.***	***Electrical Rating of Switch***
15-21C	Single pole	HBL18201CN	15A, 347VAC, 1 Phase
15-31C	Single pole	HBL18201CN	15A, 347VAC, 1 Phase
15-23C	3 way	HBL18203CN	15A, 347VAC, 1 Phase
15-33C	3 way	HBL18203CN	15A, 347VAC, 1 Phase
20-21C	Single pole	HBL18221CN	20A, 347VAC, 1 Phase
20-31C	Single pole	HBL18221CN	20A, 347VAC, 1 Phase
20-23C	3 way	HBL18223CN	20A, 347VAC, 1 Phase

/pl