

# CERTIFICATE OF COMPLIANCE

**Certificate Number** BP10754  
**Report Reference** BP10754-20140207  
**Issue Date** 2020-MAY-07

**Issued to:** Lifesafety Power LLC  
899 E Park Ave  
Libertyville IL 60048

**This certificate confirms that  
representative samples of**

ACCESS CONTROL SYSTEM UNITS; POWER  
SUPPLIES, BURGLAR ALARM SYSTEM; PROPRIETARY  
ALARM UNITS; SIGNAL APPLIANCES, MISCELLANEOUS  
CERTIFIED FOR CANADA

See Addendum Page for models

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

**Standard(s) for Safety:**

UL294, Access Control System Units  
UL603, Power Supplies for use with Burglar-Alarm Systems  
ULC S318, Power Supplies for Burglar Alarm Systems  
UL1076, Proprietary Burglar Alarm Units and Systems  
CAN/ULC S319, Electronic Access Control Systems  
CSA C22.2 No. 205 – Signal Equipment


**Additional Information:**

See the UL Online Certifications Directory at  
<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  
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## Models/Product

### Security Equipment:

USL, CNL – Access Control and Burglar Alarm Power Supply Assemblies, Model FPO75, FPO150, and FPO250 power supply boards; Model F8 and F8P Distribution Boards; Enclosures: E, followed by 1, 2, 4, 5, 6, 8, or 12 may or may not be followed by A, B, BL, H, G, K, L, M, P, S, SO, X, T, V, may or may not be followed 1, 2, or 3.; Models AH1 and AH2 AC Helix, Model BDM Battery Disconnect Module; Model SS1 Surge Module; B100 Secondary Power Supply Module; A8, A8P, D8, D8P Power Distribution Modules; C4, C4P, C8, C8P, M8, and M8P Power Control Modules; NL2 and NL4 Network Communication Modules; Helix Module, RB2, RB5, RB8 Relay Boards, R8 and R8P Relay Boards.

USL3, CNL – Access Control and Burglar Alarm Power Supply Assemblies, Model FPO75(G2), FPO150(G2), and FPO250(G2) power supply boards.

USL, CNL - Access Control and Burglar Alarm Power Supply Accessory, Model EB-80 Battery Enclosure.

USL1, CNL1 - Access Control Power Supply Accessory, Model RBE Battery Enclosure, Model RGM Rackmount Enclosure

USL, CNL – Access Control and Burglar Alarm Power Supply:  
Model FPOwww/yyy-qaqaasseeev.

Where:

www contains 75, 150, or 250 to indicate inclusion of a FPO75, FPO150, or FPO250 board, respectively.

yyy contains 75, 150, or 250 to indicate inclusion of a second FPO75, FPO150, or FPO250 board, respectively.

q either has no entry or 2 through 22 to indicate the number of each accessory board provided

aa contains B100, C4, C4P, C8, C8P, D8, D8P, F8, F8P, M8, M8P, NL2, NL4, RB2, RB5, RB8, R8, R8P accessory boards.

sss contains SWH/x, where x = SE8, SE16, SE8X, UT8, UT16, UT8X describing the type of Software House panels inside the E4S, E6S, E6S1 and E8S enclosures



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eeee contains E, followed by 1, 2, 4, 5, 6, 8 or 12, may or may not be followed by A, B, BL, H, G, K, L, M, P, S, SO, X, T, V, may or may not be followed 1 or 2 to represent enclosure/backplane configurations

v either has no entry or E to indicate input supply is preset for 230V.

USL, CNL – Access Control and Burglar Alarm Power Supply:  
Model HLXwww -qaaqaassee.  
Where:

www contains 75, 150, or 250 to indicate inclusion of two identical FPO75, FPO150, or FPO250 boards.

q either has no entry or 2 through 22 to indicate the number of each accessory board provided

aa contains B100, C4, C4P, C8, C8P, D8, D8P, F8, F8P, M8, M8P, NL2, NL4, RB2, RB5, RB8, R8, R8P accessory boards.

eeee contains E, followed by 1, 2, 4, 5, 6, 8, or 12 may or may not be followed by A, B, BL, H, G, K, L, M, P, S, SO, X, T, V, may or may not be followed 1, 2, or 3 to represent enclosure/backplane configurations. 1, E1M, E1V, E2, E2M, E2V, E4, E4A, E4M, E4M1, E4M2, E4S, E4V, E5, E5M, E8, E8A, E8L, E8M, E8M1, E8S, or E8V enclosures.

sss contains SWH/x, where x = SE8, SE16, SE8X, UT8, UT16, UT8X describing the type of Software House panels inside the E4S, E6S, E6S1 and E8S enclosures

v either has no entry or E to indicate input supply is preset for 230V.

The HLX model includes one Helix module.

Suitable for S319, Class I

USL1, CNL1 – Access Control Supply:  
Model RGaaewwww/yyyb-naaanaaaqz/e.

Where:

aa contains A, B, BL, C, D, E, F, G, H, HR, I, J, K, L, M, N, O, P, Q, R, S, SO, SX, T, U, V, W, X, Y, ZB that may or may not be followed by 1, 2, or 3 to represent backplane configurations.

www contains 75, 150, or 250 to indicate inclusion of either an FPO75, FPO150, or FPO250 power supply board, respectively.

yyy contains 75, 150, or 250 to indicate inclusion of either an FPO75, FPO150, or FPO250 power supply board, respectively.



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b is either blank or contains "B" to indicate inclusion of the Model B100 secondary power supply

n is either blank or contains 2 through 22 to indicate the number of each accessory board provided.

aaa contains D8, D8P, F8, F8P, C4, C4P, C8, C8P, M8, M8P, RB2, RB5, RB8, R8, or R8P accessory boards; or X for empty chassis drawer

q is either blank or contains "N" to indicate inclusion of either the NL2 or NL4 accessory board.

z is either blank or contains "Z" to indicate inclusion of articulating wire management guide.

e is either blank or contains "E" to indicate a preset 230 VAC input voltage.

(Note – total wattage of the combination of supplies cannot exceed 400 W.)

Suitable for S319, Class I; UL294 Levels:

Feature	Level
Destructive Attack	I
Line Security	I
Endurance	I
Standby Power	IV

USL, CNL – Access Control and Burglar Alarm Power Supply:

Model FPOwww/yyy-qaqaassseeev.

Where:


www contains 75, 150, or 250 to indicate inclusion of a FPO75, FPO150, or FPO250 board, respectively.

yyy contains V4, V6, V102, or V104 to indicate inclusion of a second power Listed Model FPV4, FPV6, FPV102, or FPV104 board, respectively (FPV- models are covered in BP10754, Vol. 1, Sec. 2).

q either has no entry or 2 through 22 to indicate the number of each accessory board provided

aa contains B100, C4, C4P, C8, C8P, D8, D8P, F8, F8P, M8, M8P, NL2, NL4, RB2, RB5, RB8, R8, R8P accessory boards.

sss contains SWH/x, where x = SE8, SE16, SE8X, UT8, UT16, UT8X describing the type of Software House panels inside the E4S, E6S, E6S1 and E8S enclosures



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eeee contains E, followed by 1, 2, 4, 5, 6, 8 or 12, may or may not be followed by A, B, BL, H, G, K, L, M, P, S, SO, X, T, V, may or may not be followed 1 or 2 to represent enclosure/backplane configurations

v either has no entry or E to indicate input supply is preset for 230V.

USL, CNL – Access Control and Burglar Alarm Power Supply:  
Model HLXwww/H - qaaqaeeee.  
Where:

www contains 75, 150, or 250 to indicate inclusion of two identical FPO75, FPO150, or FPO250 boards.

H indicates presence of AC Helix module

q either has no entry or 2 through 22 to indicate the number of each accessory board provided

aa contains B100, C4, C4P, C8, C8P, D8, D8P, F8, F8P, M8, M8P, NL2, NL4, RB2, RB5, RB8, R8, R8P accessory boards.

eeee contains E, followed by 1, 2, 4, 5, 6, 8, 12, may or may not be followed by A, B, BL, H, G, K, L, M, P, S, SO, X, T, V, may or may not be followed 1, 2, or 3 to represent enclosure/backplane configurations. 1, E1M, E1V, E2, E2M, E2V, E4, E4A, E4M, E4M1, E4M2, E4S, E4V, E5, E5M, E8, E8A, E8L, E8M, E8M1, E8S, or E8V enclosures.

sss contains SWH/x, where x = SE8, SE16, SE8X, UT8, UT16, UT8X describing the type of Software House panels inside the E4S, E6S, E6S1 and E8S enclosures

v either has no entry or E to indicate input supply is preset for 230V.

The HLXwww/H model includes one Helix module.


Suitable for S319, Class I

USL, CNL – Access Control Supply:  
Model RGAawww/yy/H - naaanaaaqz/e.

Where:

aa contains A, B, BL, C, D, E, F, G, H, HR, I, J, K, L, M, N, O, P, Q, R, S, SO, SX, T, U, V, W, X, Y, ZB that may or may not be followed by 1, 2, or 3 to represent backplane configurations.

www contains 75, 150, or 250 to indicate inclusion of either an FPO75, FPO150, or FPO250 power supply board, respectively.



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yyy contains 75, 150, or 250 to indicate inclusion of a second FPO75, FPO150, or FPO250 power supply board, respectively.

H indicates presence of AC Helix module

n is either blank or contains 2 through 22 to indicate the number of each accessory board provided.

aaa contains D8, D8P, F8, F8P, C4, C4P, C8, C8P, M8, M8P, RB2, RB5, RB8, R8, or R8P accessory boards; or X for empty chassis drawer

q is either blank or contains "N" to indicate inclusion of either the NL2 or NL4 accessory board.

z is either blank or contains "Z" to indicate inclusion of articulating wire management guide.

e is either blank or contains "E" to indicate a preset 230 VAC input voltage.

(Note – total wattage of the combination of supplies cannot exceed 400 W.)

Suitable for S319, Class I; UL294 Levels:

Feature	Level
Destructive Attack	I
Line Security	I
Endurance	I
Standby Power	IV

USL, CNL – Access Control and Burglar Alarm Power Supply:

Model FPOwww/yyy/H - qaaqaassseeeev.

Where:


www contains 75, 150, or 250 to indicate inclusion of a FPO75, FPO150, or FPO250 board, respectively.

yyy contains 75, 150, or 250 to indicate inclusion of a second FPO75, FPO150, or FPO250 board, respectively.

H indicates presence of AC Helix module

q either has no entry or 2 through 22 to indicate the number of each accessory board provided

aa contains B100, C4, C4P, C8, C8P, D8, D8P, F8, F8P, M8, M8P, NL2, NL4, RB2, RB5, RB8, R8, R8P accessory boards.



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sss contains SWH/x, where x = SE8, SE16, SE8X, UT8, UT16, UT8X describing the type of Software House panels inside the E4S, E6S, E6S1 and E8S enclosures

eeee contains E, followed by 1, 2, 4, 5, 6, 8, or 12, may or may not be followed by A, B, BL, H, G, K, L, M, P, S, SO, X, T, V, may or may not be followed 1 or 2 to represent enclosure/backplane configurations

v either has no entry or E to indicate input supply is preset for 230V.

USL, CNL – Access Control and Burglar Alarm Power Supply:  
Model FPOwww/yyy/H - qaaqaassseeev.  
Where:

www contains 75, 150, or 250 to indicate inclusion of a FPO75, FPO150, or FPO250 board, respectively.

yyy contains V4, V6, V102, or V104 to indicate inclusion of a second power Listed Model FPV4, FPV6, FPV102, or FPV104 board, respectively (FPV- models are covered in BP10754, Vol. 1, Sec. 2).

H indicates presence of AC Helix module

q either has no entry or 2 through 22 to indicate the number of each accessory board provided

aa contains B100, C4, C4P, C8, C8P, D8, D8P, F8, F8P, M8, M8P, NL2, NL4, RB2, RB5, RB8, R8, R8P accessory boards.


sss contains SWH/x, where x = SE8, SE16, SE8X, UT8, UT16, UT8X describing the type of Software House panels inside the E4S, E6S, E6S1 and E8S enclosures

eeee contains E, followed by 1, 2, 4, 5, 6, 8 or 12, may or may not be followed by A, B, BL, H, G, K, L, M, P, S, SO, X, T, V, may or may not be followed 1 or 2 to represent enclosure/backplane configurations

v either has no entry or E to indicate input supply is preset for 230V.

USL2, CNL2 – Access Control and Proprietary Burglar Alarm Units (LSP-Software House iSTAR Ultra Combinations):

FPO75/150-C8PE4-SWH/SE8, FPO75/150-C8PE6-SWH/SE8, FPO150/250-2C8PE8-SWH/SE16, FPO150/250-2C8PE6-SWH/SE16, FPO150/250-2C8PE8-SWH/SE8X, FPO150/250-2C8PE6-SWH/SE8X, FPO75/150-M8PNL4E4-SWH/SE8, FPO75/150-M8PNL4E6-SWH/SE8, FPO150/250-2M8PNL4E8-SWH/SE16, FPO150/250-2M8PNL4E6-SWH/SE16, FPO150/250-2M8PNL4E8-SWH/SE8X, FPO150/250-2M8PNL4E6-SWH/SE8X, FPO75/150-E4-SWH/UT8, FPO75/150-E6-SWH/UT8, FPO150/250-E8-SWH/UT16, FPO150/250-E6-SWH/UT16, FPO150/250-E8-SWH/UT8X, FPO150/250-E6-SWH/UT8X, FPO75/150-NL2E4-SWH/UT8, FPO75/150-NL2E6-SWH/UT8,



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FPO150/250-NL2E8-SWH/UT16, FPO150/250-NL2E6-SWH/UT16, FPO150/250-NL2E8-SWH/UT8X,  
FPO150/250-NL2E6-SWH/UT8X.

RDwww/H – dn/e, Where: www contains 75, 150, or 250 to indicate inclusion of either an FPO75(G2), FPO150(G2), or FPO250(G2) power supply board, respectively, H – indicates presence of Helix board, d contains either 8 or 16 to indicate the number of outputs, N – either blank or present to indicate network option, e is either blank or contains "E" to indicate a preset 230 VAC input voltage.

RCwww/H – aaccN/e, Where: mwww contains 75, 150, or 250 to indicate inclusion of either an FPO75(G2), FPO150(G2), or FPO250(G2) power supply board, respectively, H – indicates presence of Helix board, aa – either C8 or C16 to indicate presence of either C8 or C18 board, respectively, cc – either blank or indicates presence of D8 board, N – either blank or present to indicate network option, e is either blank or contains "E" to indicate a preset 230 VAC input voltage.

RSwww/H – aacc/e, Where: www contains 75, 150, or 250 to indicate inclusion of either an FPO75(G2), FPO150(G2), or FPO250(G2) power supply board, respectively, H – indicates presence of Helix board, aa – either blank or indicates presence of D8 board, cc – either M8 or M16 to indicate presence of M8 or M16 board, respectively, e is either blank or contains "E" to indicate a preset 230 VAC input voltage.



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