

UL Fire Signaling Ready to Go

This document will assist you in submitting a product to UL for Listing to the following standards: UL 864, 1480, 1481, 1711, 2017 and ULC S527, S559, C22.7. If you have any questions or comments, please feel free to contact us at:

CustomerService.Elements@us.ul.com

333 Pflingsten Road
Northbrook, IL 60062
1-877-ULHELPS(854-3577)

The information on the following pages is required in order for UL to establish, evaluate, and complete product investigations. The items that are required prior to engineering investigation are needed so that the test program and sample requirements can be determined. Please note some of these items are only needed for control units.

The engineering evaluation cannot proceed until all information required herein has been submitted to UL. To facilitate the completion of the project please submit this information in a single package to UL.

To ensure proper routing of your submitted information please reference your project number in any correspondence you have with UL.

If you are submitting information for more than one product, please provide a "Product Rating and Services Description" page for each product

Please be advised that additional information may be required by the project handler.

Thank you for your interest in UL.

Applicant Name _____
Address _____

Listee Name _____
Address _____

Point of Contact _____
Email _____
Phone _____
Fax _____

Point of Contact _____
Email _____
Phone _____
Fax _____

Product Model # _____
Use of Product _____

New or Existing _____
File Number _____
Volume/Section _____

Where would you like testing (if required) to occur? _____

If address is not already provided on this page then please provide: _____

Point of Contact at Testing location if not already listed on this page: _____

Email _____
Phone _____
Fax _____

New Manufacturing Locations

Manufacturer Name _____
Address _____

Factory ID _____
Point of Contact _____
Email _____
Phone _____
Fax _____

Manufacturer Name _____
Address _____

Factory ID _____
Point of Contact _____
Email _____
Phone _____
Fax _____

UL Customer Service Contact
CustomerService_Elements@US.UL.com

Product Rating and Services Description

Product Model Number(s) to be described below: _____

Please list all ULI/ULC Standards you believe are applicable: _____

Performance and Basic Ratings

Primary Input Voltages w/ Frequency: _____

Primary Current rating (A): _____

Secondary Input Voltage: _____

Battery Size in AmpHours: _____ Battery Charging Type: _____

Any non-UL Listed Power Supplies? _____ Total unlisted Power Supplies: _____

Number or Initiating Device Circuits: _____ Max Devices / Circuit: _____

Number of Notification Appliance Circuits: _____ Max Devices / Circuit: _____

Max NAC Line Resistance: _____

Number of Strobe Families: _____

Does the Product utilize a Synch Module? Yes/No Total Synch Modules: _____

Number of Signaling Line Circuits _____ SLC Wiring Styles: _____

Number of Releasing Circuits _____

Number of Solenoid Families: _____

Number of Initiators (squibs): _____

Please indicate which circuits in your product are power limited: _____

Does the Product employ a transformer? Yes/No Total Transformers: _____

Total UL Recognized Transformers: _____

Does the Product have radio frequency capabilities? Yes/No

Does the Product have a software component? Yes/No

Product Services

Yes / No UL 864 Section

- Does Product offer Local Services? Sections 32-34
- Does Product offer Emergency Voice/Alarm Comm.? Section 34
- Does Product offer Releasing Services? Sections 35 and 36
- Does Product offer Remote Station Services? Sections 37-40
- Does Product offer Central Station Services? Sections 37-40
- Does Product offer Proprietary Services? Sections 37-40
- Does Product offer Auxiliary Services? Sections 41-43
- Does product have any Marine Applications? Sections 44 and 45
- Does the product have any Smoke Control Applications? Sections 46-49
- Does the product have any Security Applications? UL 1076
- Does the product have applications outside Fire Signaling?

List any applications that are outside of the Fire Signaling Group: _____

Documentation Requirements

**Please note not all requirements will apply to all products. For assistance please contact
CustomerService_Elements@us.ul.com**

Provide Operation / Instruction / Installation Manual / Installation Wiring / Programming Guides in a PDF format. No other formats will be considered acceptable for these types of documents. Also include the "UL 864 Installation Wiring Diagram/Instructions and Operating Instructions Review" document. If you do not have this document please contact CustomerService_Elements@us.ul.com for assistance.

Bill of Materials – list of all electric components and polymeric insulating and enclosure materials in hazardous voltage circuits and in safety control circuits (if applicable). Please include: Manufacturer, Catalog Number, Ratings(electrical, thermal, pressure, etc), UL File Number if available (UL Listed / Recognized or another safety certification agency?)

Electrical Schematics

Printed Wiring Board Component Layout

If you are using a plastic enclosure or any plastic components please submit a specification for the material containing Manufacturer's name, catalog number, and UL Flame rating.

Mechanical Drawings of Product. Please provide in Electronic Formats

Marking labels, warning labels and locations of those labels:

You may provide either copies of Labels or Text of marking labels provided on the unit in electronic format

If your Product is using Solenoids or Initiators please include a list of all manufacturer's part numbers for the solenoids or initiators that are used with your product.

If your Product contains a non-UL Listed or non-UL recognized Transformer, then you need to complete a Transformer information sheet and submit it along with this completed document. If the Transformer Information Sheet was not included with this document then contact CustomerService_Elements@US.UL.com

If your Product is similar to an existing Listed Product you will need to submit the File number, volume, and section of the previously Listed device, and schematics for both if necessary to illustrate the similarities.

If your product needs to be evaluated for 2-wire Smoke Detectors, please provide the "Compatibility Data Form For Control Unit and Two Wire Smoke Detectors", which can be obtained by contacting CustomerService_Elements@us.ul.com, as well as the "V/I curves" of the control panel and all compatible detectors

If your product has Notification Appliance Circuits, then you will need to submit a list of all compatible NAC devices. Please specify which devices are capable of synchronization, both audible and/or visual.

If your product has Software needed for Operation of your device please include a software test packet as outlined in Section 54.3 of UL Standard 864