

ULCF3000 series

UL listed control panels

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UL listed fire systems range

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ULCF3000RM (wall mount red metal)

ULCF3000 (wall mount graphite)

The ULCF3000 series panels are UL listed, high specification, wall or rack mounting fire panels. Combining sophisticated functionality with simple operation and aesthetically pleasing design, the panels are available in a number of loop configurations. Each panel is networkable with up to 126 other Eaton UL fire panels.

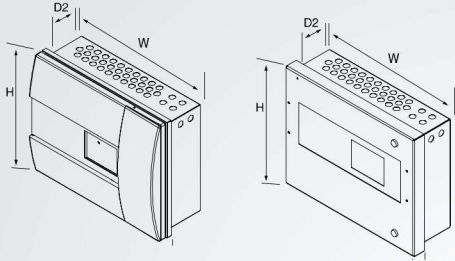
The control panel has the ability to support complex cause and effect programming. A wide range of user controllable functions make the system ideal for a diverse range of projects, from industrial applications through to large multi-site commercial developments.

Benefits

- Soft addressing
- Large versatile touchscreen user interface
- Integral printer (optional)
- Integral battery and power supply
- 2 x 12Ah batteries included
- Flexible distributed network capability
- Full range of compatible devices
- 4 notification appliance circuits (NACs) outputs
- 2 or 4 class A style 7 SLC loops
- PAS (Positive Alarm Sequence)



Dimensions



Description	H (mm)	W (mm)	D1 (mm)	D2 (mm)
ULCF3000	397	497	75	130
ULCF3000RM	398	505	48	118



Compatible repeater panels

The ULCF3000 has both a standard and a touchscreen repeater panel available. Ideal for larger sites, the repeater allows you to display the system information from multiple locations.



Features

	ULCF3000PR	ULCTPR3000
Active or passive option	✗	✓
No programming required	✓*	✓
Multi language capability	✗	✓
Allows networking with other Eaton fire panels	✗	✓
Integral power supply	✓	✓

*Except local text information



Catalogue numbers

Description	Code
2 loop panel	ULCF30002G
4 loop panel	ULCF30004G
2 loop panel, integral printer	ULCF30002GP
4 loop panel, integral printer	ULCF30004GP
2 loop panel, network card	ULCF30002GNC
4 loop panel, network card	ULCF30004GNC
2 loop panel, integral printer, network card	ULCF30002GPNC
4 loop panel, integral printer, network card	ULCF30004GPNC
2 loop panel, red metal box	ULCF30002GRM

Description	Code
4 loop panel, red metal box	ULCF30004GRM
2 loop panel, integral printer, red metal box	ULCF30002GPRM
4 loop panel, integral printer, red metal box	ULCF30004GPRM
2 loop panel, network card, red metal box	ULCF30002GNCRM
4 loop panel, network card, red metal box	ULCF30004GNCRM
2 loop panel, integral printer, network card, red metal box	ULCF30002GPNCRM
4 loop panel, integral printer, network card, red metal box	ULCF30004GPNCRM
Rack mounted 2 loop panel	ULR3000L2
Rack mounted 4 loop panel	ULR3000L4
Rack mounted 2 loop panel c/w network card	ULR3000L2NC
Rack mounted 4 loop panel c/w network card	ULR3000L4NC
Passive repeater panel	ULCF3000PR
Touchscreen network repeater panel	ULCTPR3000

Detectors

Our UL range has multiple options for intelligent addressable detectors. All detectors are designed for optimum functionality in mid-large sized builds. They are all soft addressed and have integral short circuit isolators.

Addressable detector base
UCAB300



Typical applications:

Specifically designed for use with all of our UL addressable detectors, the UCAB base will be used in all builds.

Optical smoke detector
EF-X810



Typical applications:

Suitable for most applications. Fastest response to slow burning or smouldering fires which give rise to large visible smoke particles.

Photo-thermal detector
EF-X830



Typical applications:

Responds quickly to fast clean burning fires. Maintains the advantage of optical detectors when detecting smouldering fires.

Heat detector
ULCAH330

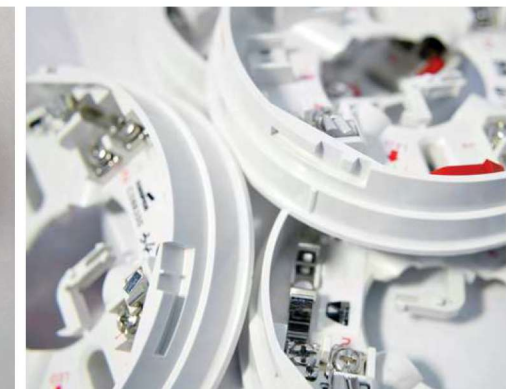


Typical applications:

Environments where the ambient conditions might cause false alarms with smoke detectors. Examples include areas with high levels of dust or fumes.



Detector detail

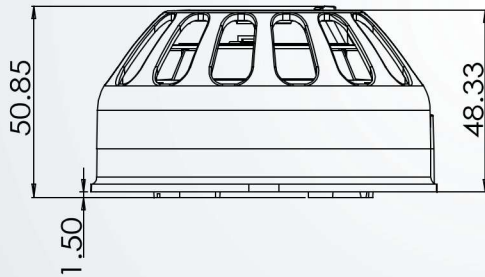


Addressable base detail

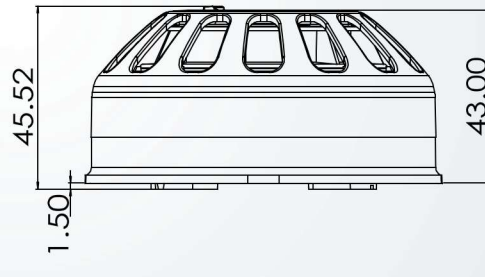
Performance

Heat Class	EF-X810	EF-X830	ULCAH330
Heat element rating	N/A	140°F	ROR + Fixed 135°F, Fixed 135°, Fixed 194°F
Heat detector spacing	N/A	50ft (heat alone operation)	50ft
Heat class	N/A	N/A	A2R

EF-X830 Dimensions



EF-X810 Dimensions



Catalogue numbers

Description	Code
EF-X810 Optical smoke detector	ULEFCDO10
EF-X830 Photo-thermal detector	ULEFCDOH30
ULCAH330 Heat detector	400007FIRE-0013X
Addressable detector base	UCAB300
Addressable sounder base	ULCAS380

Horns and strobes

Our UL range incorporates a variety of audio and visual notification devices. Each device has up to 48% savings in current draw compared to similar products. The whole range is easy to install and has voltage test points for quick troubleshooting and easy spot checking, saving time on both installation and maintenance.

Wall mount horn



Typical applications:

The horns are ideal for retrofit jobs, limited space environments and pre-existing wire configurations.

Ceiling mount horn



Typical applications:

The horns are ideal for retrofit jobs, limited space environments and pre-existing wire configurations.

Wall mount horn strobe/synchronised strobe



Typical applications:

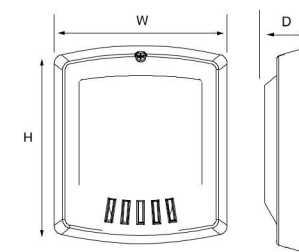
With the range of settings for both audio and visual purposes, these products are effectively 9 models in 1 appliance. With this functionality, and both ceiling and wall mount options available, it will meet almost any buildings requirements.

The synchronised option enhances both the sound and light output by keeping the outputs of multiple devices in sync.

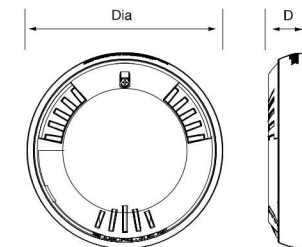
Ceiling mount horn strobe/synchronised strobe



Dimensions



Description	H (mm)	W (mm)	D (mm)
Wall mount horn HNR	133	116	56
Wall mount horn strobe/synchronised strobe HSR/STR	131	131	110



Description	Diameter (mm)	Depth (mm)
Ceiling mount horn HNC	166	34
Ceiling mount horn/synchronised strobe HSWC/STWC	166	34

Eluxa horns, horn strobes, & strobes

We make safe & sound work



Eluxa features a complete portfolio of indoor notification appliances with a comprehensive range of low and high candela settings, six candela settings in a single device. Utilising the latest advancements in LED technology, Eluxa features the industry's lowest current draw across the full candela range, providing ultimate energy efficiency. Competitive models can draw up to 3 times the current, and an average circuit consumes 70% more current than Eluxa devices. This substantially reduces overall power consumption, allowing for a greater number of appliances and fewer power supplies, resulting in significant material and system cost savings.

Easy-to-install

- Mounting plate included with all models: Convenient capture hinge allows installers to easily hold the device while fastening the single-mount screw in place
- Pre-wire/pre-test capability to check for wiring and ground faults prior to appliance installation
- Finger slide switches--No tools needed for setting changes
- IN/OUT screw terminals using #12 to #18 AWG wires
- Mounting options include ELSBB, any single-gang backbox and to 4" square with adapter kit for wall models and LSPKBB-C back boxes and 4" square, 1 1/2" or 2 1/8" deep

Save on average **70% in NAC** current draw
 Reduced inventory; Up to **6** models in **1** appliance
 Fewer power supplies & batteries, lower installation costs, lower maintenance costs



Eluxa high fidelity speakers and speaker strobes

With the industry's widest frequency response range, our speakers provide crisp, clear voice messages.



Clear, concise and intelligible voice messages that communicate how people should respond in an emergency are critical for life safety. At Eaton, we understand that you need a solution that not only meets your customer's intelligibility and reliability requirements but also provides overall system cost savings. Designed for high-fidelity sound output, Wheelock's Eluxa speaker line not only features the widest frequency response range in the industry, but also advanced power-saving LED technology with a full range of high and low candela settings for indoor wall and ceiling-mount applications.

With a response range of 300 to 8000 Hz, Eluxa's ELSPK and ELSPST models provide leading intelligibility with crisp, clear voice messages, ideal for emergency communications, mass notification, and voice evacuation. The Eluxa speaker strobes and speakers feature one of the industry's smallest footprints and a sleek, modern, low-profile design that will please building owners. It includes 5 field-selectable tap settings, 6-field selectable candela settings, and convenient wall and ceiling-mounting options for both new and retrofit construction. Amber lens speaker strobes and special lettering are available.

Catalogue numbers

Description	Code	Code
ELUXA, LED HN STR, RED, WALL, 24V, 15/30/75/110/135/185, FIRE	ELHSR	CN100956
ELUXA, LED STR, RED, WALL, 24V, 15/30/75/110/135/185, FIRE	ELSTR	CN100968
ELUXA, LED HN, RED, WALL, 12/24V	ELHNR	CN100952
ELUXA, LED HF SPKR STR, RED, WALL, 24VDC, 15/30/75/110/135/185CD, FIRE	ELSPSTR	CN100964
ELUXA, LED HF SPKR, RED, WALL, 24VDC, FIRE	ELSPKR	CN100960
ELUXA, LED HF SPKR, WHT, WALL, 24VDC, FIRE	ELSPKW	CN100962
ELUXA, LED LF HN STR, RED, WALL, 24V, 110/177CD, FIRE	ELFHSR	CN100974
ELUXA, LED LF HN STR, WHT, WALL, 24V, 110/177CD, FIRE	ELFHSW	CN100975
ELUXA, LF HN, RED, WALL, 24V, FIRE	ELFHN	CN100972
ELUXA, LF HN, WHT, WALL, 24V, FIRE	ELFHNW	CN100973
ELUXA, LED STR, RED, CEILING, 24V, 15/30/75/110/150/177CD, FIRE	ELSTRC	CN100969
ELUXA, LED STR, WHT, CEILING, 24V, 15/30/75/110/150/177CD, FIRE	ELSTWC	CN100971
ELUXA, LED STR, WHT, CEILING, 24V, 15/30/75/110/177CD, ALERT	ELSTWC-AL	CN101034
ELUXA, LED HF SPKR, WHT, CEILING, 24VDC, FIRE	ELSPKWC	CN100963
ELUXA, LED HF SPKR, WHT, CEILING, 24VDC, NO LTR	ELSPKWC-N	CN101090

Pull stations

The addressable pull stations are constructed with high quality, die cast metal for long lasting performance. The range consists of the UL listed MPS range of pull stations and the UL listed fast response input initiating module (ULMCIM-C).

Single action addressable pull station EFC-APS100/ EFC-APS100WP



Typical applications:

Indoor/weatherproof pull station for use with addressable systems (EFC-APS100/EFC-APS100WP).

A dual action model is also available (UMPS-200, not shown), where the push bar rotates inward allowing the pull handle to be grasped in a one handed motion.

Single action conventional pull station SG42BK2



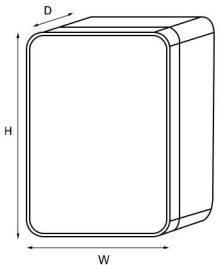
Typical applications:

Cost effective conventional version of the single action pull station, must be used in conjunction with ULMIU872. **Back box ordered seperately.**



Pull station detail

Dimensions



H (mm)	W (mm)	D (mm)
118	80	80

Catalogue numbers

Description	Code
Single action pull station, supplied with back box (addressable)	EFC-APS100
Weatherproof single action pull station	EFC-APS100WP
Double action pull station	EFC-APS200
Weatherproof double action pull station	EFC-APS200WP
Micro zone monitor unit	ULMIU872
Micro single channel input unit (recognised as callpoint)	ULMCIM-C
Conventional single action pull station (back box ordered seperately)	SG42BK2
Conventional double action pull station (back box ordered seperately)	SG42BK1
Back box for conventional, surface mounting	SGB32S
Back box for conventional, weatherproof	SGB-32C



Interfaces

230V ac relay unit ULCMIO353



Typical applications:

Enables simple interfacing between the fire system and other equipment such as nurse call systems or access control systems.

The ability of the output unit to switch mains also makes the unit ideal for plant control or mains powered door holders.

The input is monitored for open and short circuits so can be used for fire input applications such as monitoring sprinkler flow switches.

Spur isolator unit ULCSI350



Typical applications:

The spur isolator unit enables a spur of intelligent addressable devices to be connected to a main analogue loop. This simplifies the installation of remote parts of buildings or system extensions.

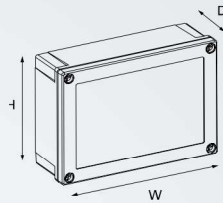
3 channel I/O unit ULCIO351



Typical applications:

The 3 channel input/output unit enables simple interfacing between the fire system and other equipment such as nurse call systems or access control systems. The inputs are fully monitored for open and short circuits.

Dimensions



H (mm)	W (mm)	D (mm)
129	180	60
300	300	74

Micro single channel output units ULMCOM/ULMCOM-S



Typical applications:

The Micro Single Channel Output Unit (ULMCOM) is suitable for switching low voltage (24V dc at 1A maximum), via a set of non latching relay contacts.

It is also suitable for switching HVAC control circuits, plant shutdown control circuits, fire door closure etc.

The ULMCOM-S is identified by the panel as a sounder.

Micro single channel input units ULMCIM/ULMCIM-C



Typical applications:

The Micro Single Channel Input Unit (ULMCIM) is suitable for monitoring a set of normally open, volt free contacts such as sprinkler system flow switches and auxiliary panel fire/fault signals. Other examples include non-fire input signals such as flow valve open contacts, generator start up, fire door closed etc.

The ULMCIM-C is identified by the panel as a call point and is designed for use with pull stations.

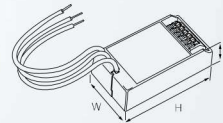
Micro zone monitor unit ULMIU872



Typical applications:

The Micro Zone Monitor Unit (ULMIU872) is suitable for monitoring a zone of up to 20 UL approved conventional detectors.

Dimensions



H (mm)	W (mm)	D (mm)
65	35	18.5

Micro interfaces

We supply an extensive range of interfaces to support our UL control panels. Interfaces allow for a wide variety of installations to be simplified without the use of specialist or customised equipment. For assistance deciding which interfaces will benefit you the most, contact our technical support team; Whilst our standard UL interfaces are designed to be installed in the position required on the loop, our range of micro interfaces can sit within a panels' enclosure.



The (MCOM-R) gives a 5 second pulse on reset and is used for connecting/resetting beam detectors.

The (MCOM-S) is identified by the panel as a sounder and does not reset when put into 'silence' mode, it only resets once the panel has been reset.

The (MCOM-FC) is identified by the panel as a sounder and will activate from its associate cause and effect programming. It will reset from a global reset not a global silence command, for use with fan controller devices for smoke management.

Catalogue numbers

Description	Code
4 - Way sounder controller unit	ULCSC354
Shop monitor unit	ULCSUM355
Spur isolator unit	ULCSI350
3 Channel input/output unit resets on reset	ULCIO351
120V/230V ac relay unit	ULCMIO353
ULMIU872 Micro zone monitor unit	400025FIRE-0053X
ULMCOM Micro single channel output unit (recognised as output unit)	400015FIRE-0059X
ULMCOM-S Micro single channel output unit (recognised as sounder)	400016FIRE-0062X
ULMCIM Micro single channel input unit (recognised as input unit)	400013FIRE-0050X
ULMCIM-C Micro single channel input unit (recognised as callpoint)	400014FIRE-0056X
Mini module box unit (empty box)	ULBU

