Addressable control panels

xDetect Mini - product data sheet

Eaton

An Eaton secure-by-design solution

Complies with rigorous cybersecurity, process, requirements and testing standards



The xDetect Mini is a futureproof fire alarm control panel that combines powerful performance with a compact, discreet and aesthetically pleasing design. Fitting into the wider xDetect family, the Mini ensures compliance with the latest fire detection standards while noticeably reducing space and complexity, making it ideal for quick installation anywhere in a building. Backed by Eaton's secure-by-design credentials, xDetect Mini delivers reliable performance and scalability without compromising on security.

Every xDetect panel is carefully designed to minimise the time installers spend on-site, simplifying their selection, fitting, commissioning and service requirements through features such as errorproof colour coding and modular architecture. Errorproofing continues with support for loop networking; even without redundant lines, a single fault is stopped from disrupting system communication, thereby reducing cabling costs.

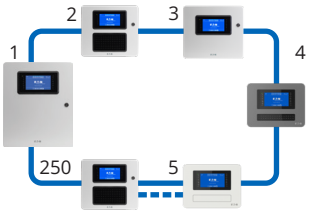
A scalable solution, each xDetect panel can easily expand and adapt in line with new legislation and building owners' changing needs. Color-coded modular cards quickly swap into the panel to enable fluid and intuitive upgrades.

Modular cards



- Colour coded cards
- Easy identification in the field
- Local status LEDs for each card
- Simple maintenance

Networked systems



A fault tolerant loop network means no loss of communication during a single fault, reducing cable costs across a maximum of 250 panels per network.

Key features

- Compact and scalable safety solution
- Flexible modular card based system with redundancy
- Fault tolerant ring network design with built in isolators
- Cybersecure – An Eaton secure-by-design solution
- 600mA Maximum current per loop
- Multi-language selection capability
- Innovative technology designed to work with familiar tools and peripherals
- Powerful matrix based cause & effect programming with xDetectWorks programming software
- "Tablet like" 7" colour touchscreen
- Instantly familiar interface with high contrast colour coding that is simple to operate and learn
- Natural upgrade for legacy CF2000 panels

Order codes

Control panels

Description	Colour	Order code
xDetect Addressable CIE Mini Enclosure (1-2 Loops)	Grey	EFXD02002-G
xDetect Addressable CIE Mini Enclosure (1-2 Loops)	White	EFXD02002-W

Cards & backplane options/spares

Description	Colour	Order code
xDetect Mini Zonal Indicator Board – 32 Zonal Indicator	EFXD02051	EFXD02051
xDetect Mini CIE Int. Backplane with Gateway card	EFXD02052	EFXD02052
xDetect Mini CIE Int. Power Supply 75W	EFXD02053	EFXD02053
xDetect Loop Card 1L Protocol 800	EFXD05001	EFXD05001
xDetect Programmable I/O card	EFXD05030	EFXD05030
xDetect Network Card	EFXD05040	EFXD05040

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xDetect Mini – Technical specifications

	EFXD02002
Brand	Eaton
HMI	7" Colour touchscreen
Zonal Indicator	32 (optional add-on)
Approval	EN54-2, EN54-4
Accreditation	LPCB 378ad/01
Max. Zones (per CIE)	1000
Number of Loops	1-2
Max. Length of Loops	2km
Max. Load per Loop (Inputs & Outputs)	600mA
Max. No. of Addressable Points per Loop	200
Max. No. of Addressable Points per C.I.E	400
Max. No. of Alarming Devices per Loop Card (based upon beacon with 4.1mA current)	Up to 131
Max. No. of Fire Alarm Devices per C.I.E	Up to 262 (requires 1 additional Loop card from standard)
Event log capacity	11000
Pre-Fitted Cards	1x Gateway 1x Loop 1L Protocol 800
System Operating Voltage	20.4-28V
Mains Input Supply	230V AC +10%, -15%, 60Hz
Standby Duration	Up to 24Hrs (Dependant on loop loading and battery configuration)
Maximum Battery	2 x 12V (9Ah) (Batteries not included)
Weight (without batteries)	2600g
Ingress Protection	IP30
Dimensions H x W x D - Product (mm)	270 x 360 x 116
Dimensions H x W x D - Packaged (mm)	325 x 385 x 200
Construction	Plastic
Cable Entry	12
Operating Temperature	-5°C to +40°C
Humidity (non condensing)	20-95%
Compatible with	Visit **www.Eaton.com/xDetectCompatibleDevices** to see the latest list of compatible peripherals



EFXD02002-W



EFXD02002-W with optional EFXD02051



EFXD02002-G



EFXD02002-G with optional EFXD02051

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