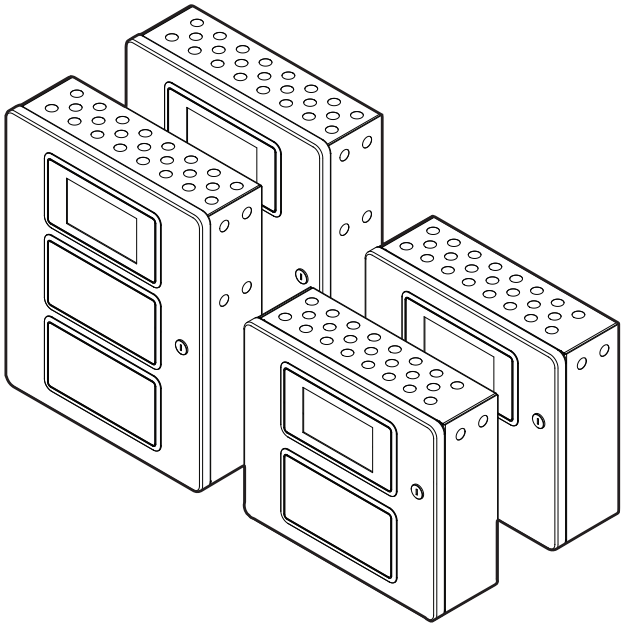
xDetect Add CIE Panel Enclosure, 128ZI, 256ZI

Log Book



Powering Business Worldwide

Contents

1. MAINTENANCE (AS PER BS 5839-1) 3
1.1 Responsibility 3
1.2 Routine 3
1.3 Non routine 4

2. PANEL CONTROLS & SYSTEM STATUS INDICATORS 5

3. CERTIFICATE OF COMMISSIONING FOR XDETECT ADD CIE PANEL . . 6
3.1 System Design 6
3.2 Installation 6
3.3 Commissioning 6

4. VARIATIONS RECORD 7

5. MAINTENANCE WORK 8

1. Maintenance (As per BS 5839-1)

The section describes briefly the relevant requirements of BS 5839-1 for maintenance of the xDetect panel.

1.1 Responsibility

A person / organization should be appointed for maintenance of the xDetect panel. The responsible individual is expected to have been trained on system usage and maintenance by the manufacturer or installer of the system. The responsibilities include (but are not limited to below):

1. Ensuring maintenance routine described in Section 1.2 is performed as described.
2. Ensuring all required records of maintenance is maintained.
3. Ensuring all relevant staff are trained to use the system
4. Ensuring that records are updated to reflect any changes made to the system.

1.2 Routine

Daily check

If the xDetect panel is installed in a location where audible fault warnings could be unnoticed for more than 24 hours, a special check should be performed each day to confirm that the "Power" LED is illuminated and HMI indicates there are no faults, or any faults that are indicated are receiving necessary attention. Notify any faults to a system supervisor.

Note: This check only needs to be performed if the Buzzer goes unheard for 24 hours. This inspection does not need to be recorded.

Weekly check

Check indicators.

Press the button labelled weekly test and then confirm you wish to perform the test. The panel will stay in the weekly test mode for 5 mins before resetting. During the weekly test, trigger a smoke Sensor or call point and check the fire panel registers the device and illuminates the correct zonal indicator. Trigger a different device every time a weekly test is performed ensuring devices are tested in rotation until all have been checked. It is advisable to develop a detailed building plan highlighting devices and locations to aid testing. The panel will reset automatically once the 5 mins have elapsed. If no devices are triggered during the weekly test the panel will abort the test and reset after 5 mins. Record weekly test in the table provided in this log book

1. Maintenance (As per BS 5839-1)

Quarterly

Check all previous log book entries and verify that remedial action has been taken. Carry out the weekly test. Visually examine the batteries and their connections, by unlocking and opening the hinged door from the right hand side.

Disconnect the mains supply and check that the batteries are capable of supplying the alarm sounders, by operating a call point.

Annual test

As Weekly Test and Quarterly Test above. Additionally test all sensors and call points and check operation.

Every 2-3 years

During the normal servicing cycle check analogue levels of the detectors. If any are approaching the pre-alarm level then the proprietary cleaning methods can be adopted. e.g. high pressure air spray.

Every 5 years

Replace sealed lead acid batteries.

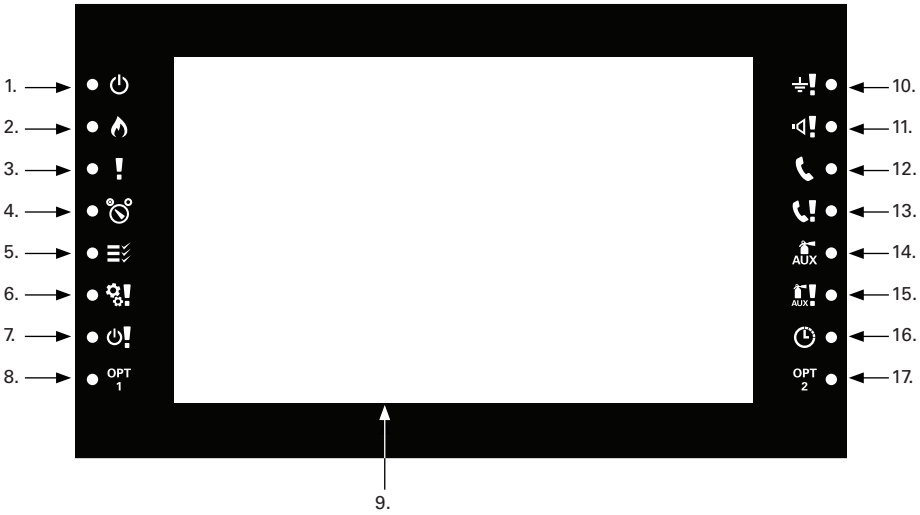
Remember to update the next 'Service date' for the system after the check.

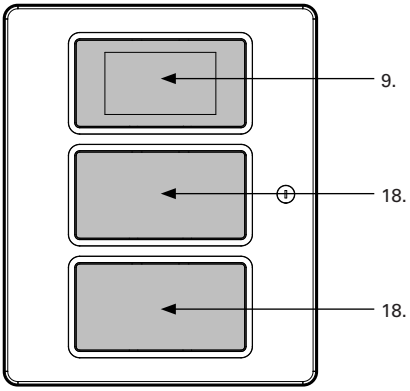
1.3 Non routine

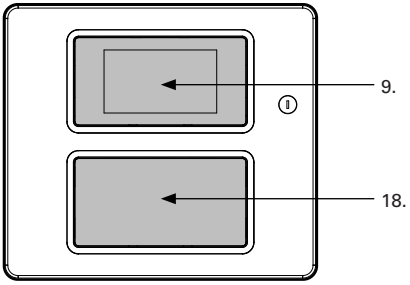
From time to time, the xDetect panel may require non-routine attention, including special maintenance. Non-routine maintenance includes:

1. A special inspection of an existing system when a new organization takes over maintenance of the system.
2. Repair of faults or damage.
3. Modification to take account of extensions, alterations or changes in occupancy.
4. Inspection and test of the system following a fire.

2. Panel Controls & System Status Indicators







1. Power (Green)
2. General Fire (Red)
3. General Fault (Amber)
4. General Disablement (Amber)
5. General Test (Amber)
6. System Fault (Amber)
7. Power Fault (Amber)
8. Optional Text 1 (Amber)
9. HMI (Touch Screen Display)
10. Earth Fault (Amber)
11. Sounder Fault/Disabled (Amber)
12. FRE Active (Red)
13. FRE Fault/Disabled (Amber)
14. FPE Active (Red)
15. FPE Fault/Disabled (Amber)
16. Delays Active (Amber)
17. External FPE Fault (Amber)
18. Zonal Indicators
    (128ZI / 256ZI panels only)

3. Certificate of commissioning for xDetect Add CIE Panel

Site Name	
Address	
Customer Name	
Address	
Areas Covered	

3.1 System Design

In accordance with section 1 of BS 5839-1 sub clause 6 the system design has been done in accordance with recommendations of the code except for the following:

3.2 Installation

In accordance with section 3 of BS 5839-1, the wiring has been inspected and tested and been found to be in accordance with the recommendations of this code except for the following:

3.3 Commissioning

In accordance with Section 4 of BS 5839-1: sub clause 21.2C

All controls and indicators operate correctly

The system is accepted in good working order and, in accordance with BS 5839: -1, record drawings, operating instructions and a system log book have been supplied and received.

Attention has been drawn to the recommendations concerning user's responsibilities, particularly those concerned with routine attention and test procedures in section 1, and an appointed responsible person should be nominated by the customer in accordance with the recommendations of Section 6 of BS 5839-1.

Engineer		**Date**	
Position			
Signature			

4. Variations Record

Date	Event or Work Done	Engineer	Company	Signature

5. Maintenance Work

Date	Event or Work Done	Engineer	Company	Signature

Maintenance Work

Date	Event or Work Done	Engineer	Company	Signature

5. Maintenance Work

Maintenance Work

Date	Event or Work Done	Engineer	Company	Signature

Maintenance Work

Date	Event or Work Done	Engineer	Company	Signature

Eaton
EMEA Headquarters
Route de la Longeraie 7
1110 Morges, Switzerland
Eaton.eu
TEL: +44 (0) 1302 321541
FAX: +44 (0) 1302 303220
Firesales@eaton.com
Firetechsupport@eaton.com

Eaton Electrical Products Ltd.
Llantarnam Park
Cwmbran
NP44 3AW
Tel: +44 (0) 1633 628500
Fax: +44 (0) 1633 866346

© 2021 Eaton
All Rights Reserved.
Eaton is a registered trademark.

All trademarks are property of their respective owners.

www.eaton.com **25-15053-B**

Powering Business Worldwide