

SmartLetLoose/ONE

Single channel GAS extinction board

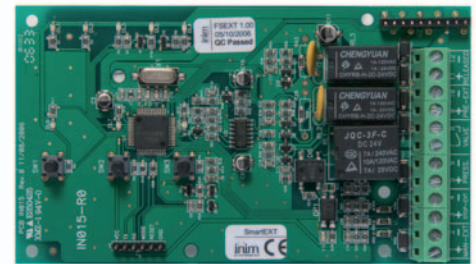
The SmartLetLoose/ONE board is supported by:

- SmartLight series.
- SmartLine series control panels.

The SmartLetLoose/ONE board manages a single GAS extinction channel and provides all the functions required by the respective standards.

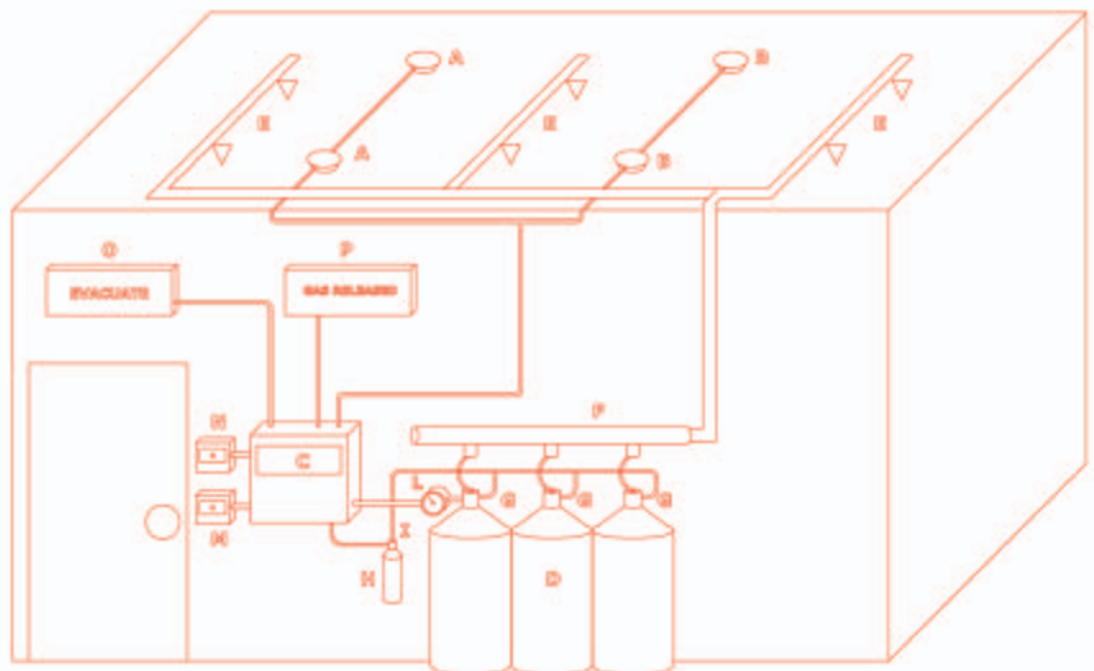
The board is EN 12094-1 compliant and possesses CPD certification.

The board fits into a specially prepared housing inside the control panel enclosure.



TYPICAL APPLICATION

- A : LINE 1 DETECTORS
- B : LINE 2 detectors
- C : SMARTLIGHT Or SMARTLINE CONTROL PANEL
- D : EXTINGUISHANT GAS CYLINDERS
- E : GAS RELEASE NOZZLE
- F : COLLECTOR
- G : GAS RELEASE PNEUMATIC VALVE
- H : PILOT CYLINDER FOR GAS RELEASE
- I : PILOT CYLINDER ELECTROVALVE
- L : PRESSOSTATE SWITCH
- M : MANUAL RELEASE COMMAND
- N : RELEASE ABORT COMMAND
- O : AUDIO/VISUAL INDICATION FOR RELEASE IMMINENT
- P : AUDIO/VISUAL INDICATION FOR GAS RELEASED CONDITION



Main features

- Compatible with SmartLight and SmartLine series control panels.
- Certified EN 12094-1 compliant.
- Certified in accordance with the European CPD.
- Single channel GAS extinction board.
- Max. 1 board for each control panel.

Installation

The board must be fitted onto the plastic supports inside the control panel enclosure and connected to the motherboard via its connector (included).

Connections

The detectors which activate the extinction system connect to the control panel lines/loops. The board provides a series of terminals for the connection of various devices:

TERMINALS	DESCRIPTION	WIRING DIAGRAM
MAN-EXT	Terminals for the connection of manually operated callpoints.	A
STOP-EXT	Terminals for the connection of manually operated STOP-extinction callpoints.	A
PRESS	Terminals for the connection of the output contacts of the pressure valve that controls the gas pressure inside the cylinders.	A
VALVE	Terminals for the connection of the pressure valve that releases the extinguishant-gas.	B
PRE-EXT	Terminals for the connection of audible/visual signalling devices that start the building evacuation procedure.	C
RELEASED	Terminals for the connection of devices that signal the release of extinguishant-gas.	C
R	Output for the remote repetition of manually operated STOP fire-extinction operations*.	D

Technical specification

- Operating voltage: 24 Vdc.
- Current draw: 10 mA.
- Max. current draw: 70 mA.
- Operating temperature: -5° .. +40°.

ORDER CODE

SmartLetLoose/ONE: Single channel gas-extinction management board.