ExGo

Three Zone Automatic Gas Extinguishing Panel

The ExGo, three zone automatic extinguishing panel is approved to EN12094-1 (European Standard for Fixed Firefighting Systems - Components for Gas Extinguishing Systems) and EN54 - Parts 2, 4 and 13.

The ExGo system detects a fire in the same manner as a fire alarm system, but in addition to sounding alarms, it also controls the release of an extinguishing agent.

The extinguishing agent can take many forms from CO^2 through to other specialist gases (e.g. Aerosol and Clean Agent) developed solely for extinguishing purposes. The extinguishant agent is released into the atmosphere in the area where a fire has been detected, reducing the density of oxygen in the atmosphere, thus extinguishing the fire.

The ExGo system is used primarily in areas of significant value/strategic importance to businesses e.g. computer suites, telecom switch-rooms, Battery energy storage systems (BESS) etc, providing a cost-effective solution to protect your work place or asset.

Features

- LCD display providing clearer status indication and programming routines
- Multiple languages - options for customisable slide-in labels to support local languages (GBEx version)
- Software for downloading configuration and event logs
- Passcode or optional key switch for Level 2 access
- Time and date-stamped event log and improved diagnostics
- Company logo can be displayed on LCD during normal conditions
- Large LCD/ digital countdown timer
- RS485 for remote status indicators (maximum of 7)
- PC download via USB

Specification

Base technology	Flash-based processor
Display	Backlit 128 x 64 LCD
Remote status indicators	Supported via RS485 (maximum of 7)
Controls	Alphanumeric keypad, navigation keys and system keys for Reset, Mute, Silence/Resound and Sound alarms
Detection zones	3 x conventional detection zones (inc. support for I.S. barrier)
Extinguishing zones	1 x flooding/extinguishing zones. Support for Solenoid (1A continuous load) and Metron (3A, 15ms pulse) type actuators
Onboard sounder circuits	3 x 1A, 18-28vDC
Onboard relays	4 x 1A, 30vDC relay outputs (Fire, Fault & 2 x programmable)
Auxilliary supply	2 x 500mA aux supply outputs 18-28vDC (1 switched)

Programmable outputs	Support for 8 additional programmable outputs via Exp-008
Switch inputs	4 x programmable, 1 x manual trigger, 6 x release (Mode Select, Valve Monitor, Pressure Monitor, Hold, Abort, Flow)
Countdown timer	On board, large digit
Mains supply	3A universal switch mode PSU
Battery capacity	24V 7Ah
Charger current	1A
USB ports	1 x USB port for PC connection
Event log	100 fire/trigger events, 500 general log events
Enclosure, colour	Steel IP30, grey RAL7035
Cable entry	17 knockouts in enclosure top, 13 in enclosure back
Size (H x W x D)	330mm x 400mm x 90mm
Weight	6Kg

Order Codes and Options

EX-3001:	Extinguishing Control Panel
EXM-001:	Semi-flushing bezel for Ex-3001 panel
EXS-001:	Spare Manual Release Cover
EXS-002:	EX-3001 Spare Chassis c/w PCB
EXP-001:	Enable controls (trapped) key switch assembly
EXP-001F:	Enable controls (trapped) key switch assembly - Fitted
EXP-002:	Mode Select (Un-trapped) Key switch assembly
EXP-002F:	Mode Select (Un-trapped) Key switch assembly - Fitted
EXP-012	2-position 45 degree key Switch (momentary)

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