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
	200-240 (+10%; -15%); 47-63 Hz; 1.0 A (max)
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	5.1Kg (panel only)
Humidity	95% Max.
Approvals	EN 12094-1:2003 EN54-2:1997 +A1:2006 EN54-4:1997 +A1:2002 +A2:2006

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)

*NOTE

EX-3001 = EX3001 is referenced in other documentation

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.