EvacGo

Evacuation Alert Control and Indicating Equipment

BS8629 is the Code of Practice for the design, installation, commissioning and maintenance of evacuation alert systems for use by fire and rescue services in buildings containing flats. Advanced's evacuation alert system has been developed with great care to follow all the recommendations of BS8629. Combining robustness and reliability with speed and simplicity, our evacuation alert system comes in a range of flexible formats with wired, wireless and hybrid options available.

The EvacGo panel is bu ilt using our industry- leading MxPro 5 panel technology and delivers proven performance, quality and ease of use. The panel is supplied with 8, 16, 24 or 32 fire fighter evacuation alert areas as standard, and is fully expandable from 1 to 4 loops. The panel includes the latest flash-based microprocessor technology and provides a simple, 'at a glance' overview of which evacuation zones are operating. The panel has a virtual display which enables the maintenance engineer to work remotely.

The panel is suitable for a wide range of site applications from small to large buildings containing flats. It is fully programmable on site, and all programming and servicing can be undertaken on a laptop connected to the EvacGo panel using Advanced's DynamixTools PC programming software.

Outer cabinet: The Advanced EvacGo panel is supplied with the additional protection of an STS 205-rated high-tensile steel cabinet and should be sited at an appropriate location suitable for fire fighter access. The front of the cabinet is clearly labelled 'For Fire and Rescue Service Only'. The cabinet incorporates a high-security locking mechanism with unique copy-protected keys that are carried by the FRS.

PC software: An extensive suite of user-friendly Windows-based PC software programs has been developed to enhance your experience when using EACIE panels. The suite incorporates a number of different programmes to include configuration, service and maintenance reports, and virtual terminal-type tools to allow the flexibility of the equipment to be fully explored.

Network: Simply adding a network card allows the panel to communicate with any other panel or network peripherals. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant network format.

Features

- Modular construction
- Can be customised on site if required via insert label
- Fully expandable from 1 to 4 loops
- Supplied with 8, 16, 24 or 32 fire fighter evacuation alert areas as standard
- Control panel with latest dual flash-based microprocessor technology
- Robust vandal-resistant steel enclosure with unique copy-protected keys
- Suitable for a wide range of site applications
- Virtual screen for simple ease of use and remote programming and servicing
- Fully programmable on site
- Designed to comply with the BS 8629 Code of Practice

Certification

Vandal-resistant steel cabinet is certified to STS 205 issue 4/BR2

High-security lock is certified to EN 1303:2015

Compatibility

EvacGo is fully compatible with MxPro 5 Series CIE.

EvacGo is compatible with Apollo (XP95/Discovery), Hochiki, Argus & AxisEN devices.

Specification

Base technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets.
Protocols (devices/loop)	Apollo/Hochiki (126/127), Argus (240), AxisEN (240)
Number of evac alert zones	Up to 32
Number of loops	Dedicated 1-4 loop control panel
Mains supply	200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.4A max
Charger current	2A temperature compensated
Serial ports	1 x on-board RS232 connection for PC communication
USB interface	1 x USB B type connection for PC communication
Programming	PC running Windows tools
Event log	5000 event & diagnostic + 500 fire
Networking	Optional plug-in network card (MXP-509 - fault tolerant)

Outer box specification

Colour	RAL 9006 silver grey
Dimensions H x W x D	750 x 700 x 200
Locking mechanism	Solid steel construction with anti-hacksaw locking bars, patented cylinder system & unique lock
Weight	70 kg

Internal box specification

Colour	RAL 7035
Dimensions H x W x D	475 x 450 x 135
Lock	Standard MxPro CAI Emkay Key
Weight	10 Kg
Battery (min / max)	2 x 12v 4Ahr / 2 x 12v 17Ahr
Cable entry	11 x rear

Applications / limitations

The evacuation panel is supplied with a single loop card only and can be expanded up to 4 loops with the fitting of additional loop driver PCBs.

The evacuation panel is complete with its own power supply and charger, suitable for use with up to 2 x 12V 17 Ahr batteries.

Order Codes and Options

EACIE control panels and peripherals

SP-8629-08	EvacGo controller c/w 1 loop card expandable to 4, and 8 evacuation zones including LED indication.
SP-8629-16	EvacGo controller c/w 1 loop card expandable to 4, and 16 evacuation zones including LED indication.
SP-8629-24	EvacGo controller c/w 1 loop card expandable to 4, and 24 evacuation zones including LED indication.
SP-8629-32	EvacGo controller c/w 1 loop card expandable to 4, and 32 evacuation zones including LED indication.
SP-8629-08/FT	EvacGo controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 8 evacuation zones including LED indication.
SP-8629-16/FT	EvacGo controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 16 evacuation zones including LED indication.
SP-8629-24/FT	EvacGo controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 24 evacuation zones including LED indication.
SP-8629-32/FT	EvacGo controller c/w 1 loop card expandable to 4, designated fault-tolerant network card and 32 evacuation zones including LED indication.
SP-8629-00/FT	EvacGo controller c/w 1 loop card expandable to 4, designated fault-tolerant network card, no display.
SP-8629-00/D/FT	EvacGo controller in Deep enclosure c/w 1 loop card expandable to 4, designated fault-tolerant network card, no display.
SP-8629-SECBX	EvacGo separate battery tray mounted in STS 205 Class BR2 box. Please note - this is only required when the batteries are in a public area, please check before ordering.
MXP-502	EvacGo additional loop card
MXM-546	EvacGo separate battery enclosure (45Ah) - if required
MXP-501	EvacGo remote battery temperature sensor

EACIE sounders and peripherals

AXIS-CWS	Open-area conventional wall sounder – Red (EN54-3)
AXIS-CWS/W	Open-area conventional wall sounder – White (EN54-3)
AXIS-CWSV	Open-area conventional wall sounder beacon – Red (EN54-3 & EN54-23)
AXIS-CWSV/W	Open-area conventional wall sounder beacon – White (EN54-3 & EN54-23)
AXIS-WSM	Addressable sounder interface module (EN54-17)
AXIS-PU	Handheld programming unit
20-VMMC120-ADV	Single relay output module with built-in isolator
20-VMC100-ADV	Monitored output module with built-in isolator
20-VMC120-ADV	Wall Mounting Single Relay Output Module
LVMX100	Short circuit isolator module
20-LVMX100-BX	Single isolator in plastic mounting box
20-DLVMX100-BX	Dual isolators in plastic mounting box
20-BMB100-BX	Plastic mounting box

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