EvacGo

Intelligent Wall Sounder Interface Module

The Intelligent Sounder Interface Module is designed to allow the use of the Axis-CWS conventional sounder and Axis-CWSV conventional sounder beacon on an EvacGo intelligent loop.

The Axis-WSM module is compatible with intelligent control panels and systems using Axis EN protocol. Easy to install, it incorporates built-in short circuit loop isolation.

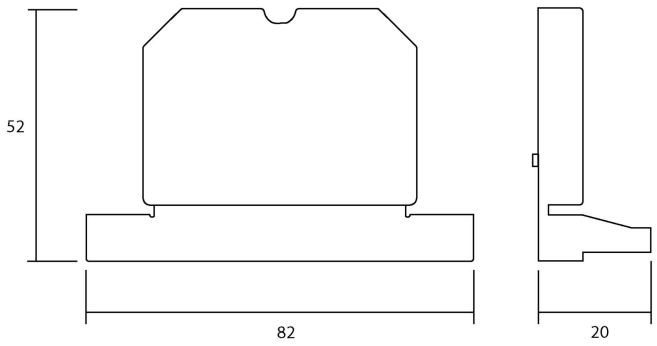
Once installed onto an EvacGo intelligent loop, the device is fully addressable and benefits from an extensive range of intelligent control and monitoring functionality.



Features

- Flexible modular design
- Easy to install
- Manual and auto addressing options
- Built-in short circuit isolators
- Up to 32 tones as standard
- Optional microphone self-test facility
- Addressing using the device programming tool or auto addressing capability via the fire control panel
- Fits EvacGo modular wall sounders and sounder beacons

Dimensions



Standards and Approvals

- EN54-17:2005 Short Circuit Isolators
- EN54-18:2005 Input / Output devices

Specifications

Power supply voltage range	15 Vdc - 40 Vdc
Maximum alarm current consumption	5-8 mA with sounder / 12-28 mA with beacon
Operating temperature range	-10°C to +55°C
Weight including back box	27 g
Max tolerated humidity	85% RH (non-condensing)
IP rating	IP20

Order Codes and Options

Axis-WSM	Addressable sounder interface module
Axis-CWS or Axis-CWS/W	Open area conventional wall sounder - Red or White
Axis-CWSV or Axis-CWSV/W	open area conventional wall sounder beacon - Red or White

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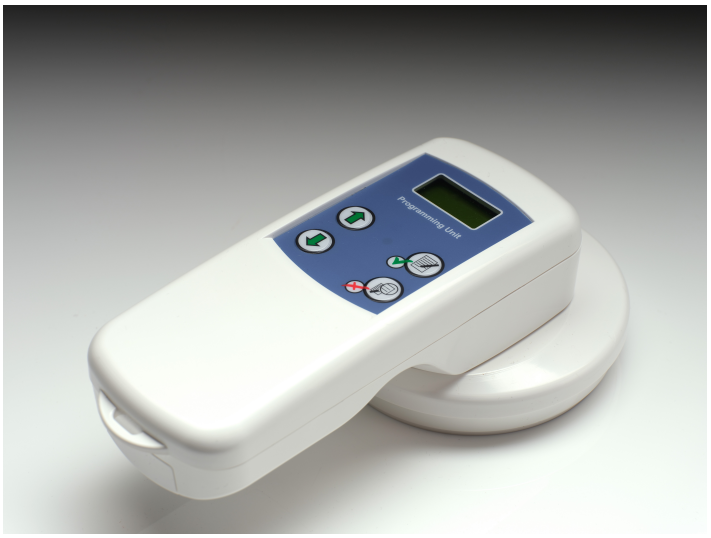
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Handheld Programming Unit

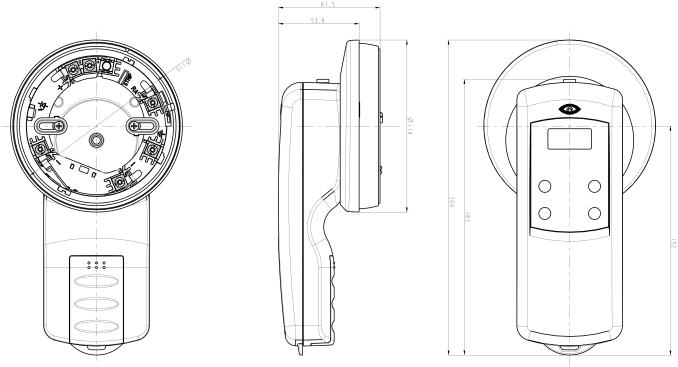
The handheld programming unit allows you to set and read all the programmable variables from the device range including the loop address. It also enables you to read the analogue value from a device or change the heat detector setting from rate of rise to high temperature.

When used with the connection lead you can program/read in information from call points and sounders add loop addresses or program one of the sounder's 32 operating modes.



Features

- Easy to use
- Clear device display
- Auto shut-off to save battery
- Displays the sensor analogue values
- Includes the programming cables for backwards compatibility.



Specification

Power supply battery specifications	6LR61 type (9V)
Dimensions	88mm x 88mm x 61mm
Operating temperature range (no icing)	-10°C to +55°C
Maximum humidity (no condensing)	95% RH
Weight	200g

Order Codes and Options

Axis-PU:	Handheld Programming Unit

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Loop Driver Card

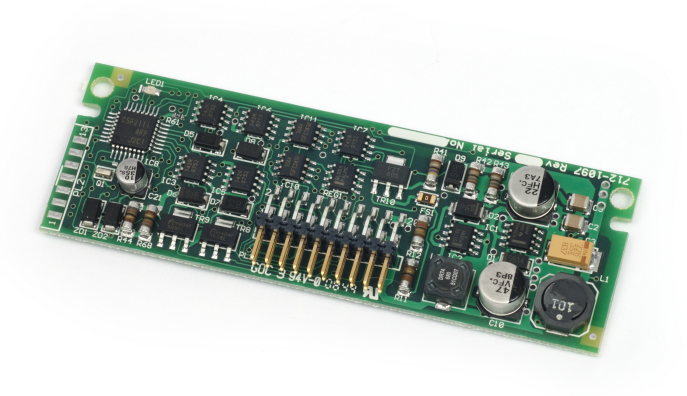
The Loop driver card can be used with the EvacGo panel. It provides control and connection to loop devices such as evacuation alert sounders and isolator modules.

The Loop driver circuit should be installed as a continuous loop with isolator modules such that a short circuit condition does not effect the operation of evacuation alert area zones/flats.

The loop driver circuit on the base card is equipped with in-built isolators to take care of short circuit conditions on the wiring between the panel and the first device on the loop.

The loop circuits support monitoring with an Active EOL device (embedded on the loop driver) to ensure circuit integrity in accordance with the requirements of EN54- 13.

Maximum recommended cable loop length is up to 1500 to 2000 metres. Take care that the voltage drop at full load is within the device rating.



Features

- Use with EvacGo panels
- Compatible with Argus Vega protocol
- In-built isolators
- 500 mA as standard
- Up to 2 km loop length
- Latest in micro-processor technology

Specification

Power supply	24V DC
Protocols	Argus Vega
Devices per loop (maximum)	240 detector/call points per loop
Loop current	500 mA max

Order Codes and Options

Mxp-568:	Loop Driver Card

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Single Relay Output Module with Built-in Isolator

The single relay output module is loop-powered, designed around a fully digital protocol and provides form C changeover contacts for control of equipment for DDA compliance such as vibrating pillows..

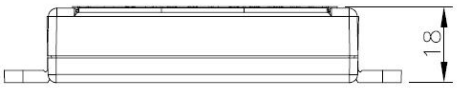
The output channel is a normally de-energised relay switched on by a command from the control panel.

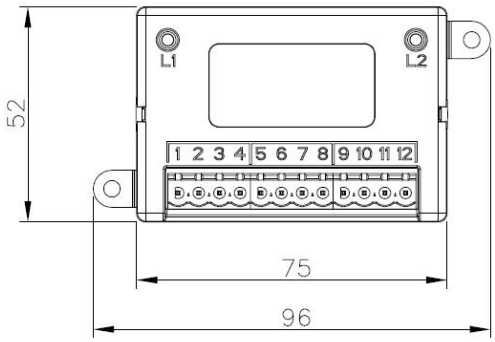
The unit provides a fast and secure response, and incorporates a bidirectional short circuit isolator.

Connections are made using plug-in terminal blocks which will accept conductors up to 2.5mm².

The unit can be mounted within an electrical box or enclosure.







Features

- Short circuit isolators in each device to the requirements of EN54-17
- Auto addressing capability (by the control panel) or manually using a hand held programmer.
- Auto-addressing capability (by the control panel)
- Digital checking of double address
- Line quality information
- Bicolour (red/green) LED driven by the control panel

Standards and Approvals

- EN54-17:2005
- EN54-18:2005

Specification

Power supply	15-40 Vdc
Maximum current consumption	6 mA
Operating temperature range	-30°C to +70°C
Humidity (non condensing)	85% RH
Relay switching	2A / 30 Vdc
Dimensions H x W x D mm	52 x 75 x 28
Weight	180g
IP rating	21C

Order Codes and Options

20-VMMC120-ADV:	Single relay output module with built-in isolator

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Monitored Output Module with Built-in Isolator

The single output module is loop powered, designed around a fully digital protocol and provides control by activating equipment for DDA compliance such as vibrating pillows. The output channel is monitored and will detect open and short circuit conditions.

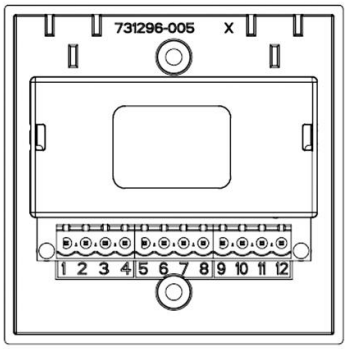
The unit provides a fast and secure response, and incorporates a bidirectional short circuit isolator. Connections are made using plug-in terminal blocks which will accept conductors up to 2.5mm².

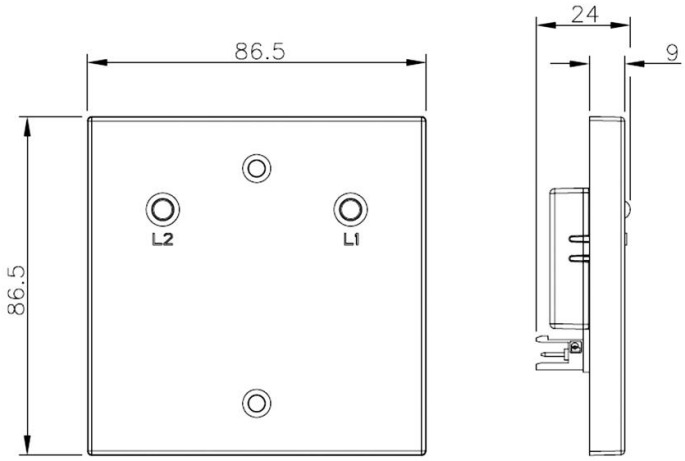
The unit is supplied fixed to a plate which is suitable for wall mounting. Standard 25mm or deep 47mm mounting boxes are available.



Features

- Short circuit isolators in each device to the requirements of EN54- 17
- Auto addressing capability (by the control panel) or manually using a hand held programmer.
- Digital checking of double address
- Line quality information
- Bicolour (red green) LED driven by the control panel





Standards and Approvals

- EN54-17:2005
- EN54-18:2005

Specification

Power Supply	15 - 40 Vdc
Maximum alarm Current Consumption	6 mA
Operating Temperature Range	-30°C to +70°C
Relay Switching	2 A / 30 Vdc
Humidity (non condensing)	85% RH
Dimensions H x W x D mm	87 x 87 x 32
Weight	200 g
IP Rating	21C

Order Codes and Options

20-VMC100-ADV:	Monitored output module with built-in isolator

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Wall Mounting Single Relay Output Module

The single channel output modules are loop-powered, designed around a fully digital protocol and provide form C changeover contacts for activating equipment for DDA compliance such as vibrating pillows.

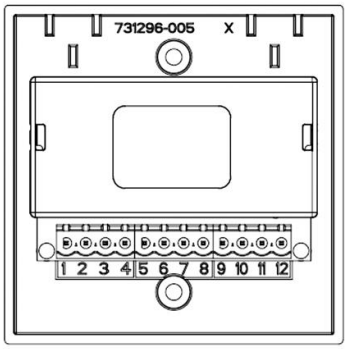
The output channel is a normally de-energised relay switched on by a command from the control panel.

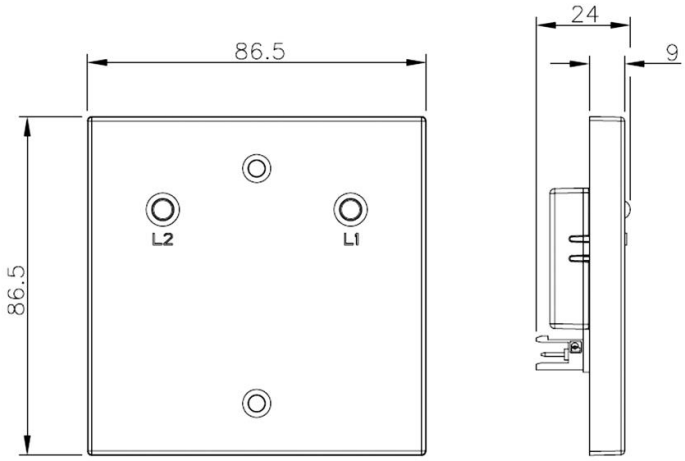
The unit provides a fast and secure response, and incorporates a bidirectional short circuit isolator.

Connections are made using plug-in terminal blocks which will accept conductors up to 2.5mm².

The unit is supplied fixed to a plate which is suitable for wall mounting with a choice of standard 25 mm or deep 47 mm mounting boxes available.







Features

- Short circuit isolators in each device to the requirements of EN54-17
- Auto-addressing capability (by the control panel) or manually using a hand held programmer.
- Digital checking of double address
- Line quality information
- Bicolour (red/green) LED driven by the control panel

Standards and Approvals

- EN54-17:2005
- EN54-18:2005

Specification

Power supply	15 - 40 Vdc
Maximum alarm current consumption	6 mA
Relay switching	2 A / 30 Vdc
Operating temperature range	-30°C to +70°C
Humidity (non condensing)	85% RH
Dimensions H x W x D mm	87 x 87 x 32
Weight	200 g
IP rating	21C

Order Codes and Options

20-VMC120-ADV:	Wall Mounting Single Relay Output Module

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Single Boxed Isolator Module

The single boxed isolator module is designed to provide protection against short circuits and faults in flats and apartments, in single floor evacuation zones.

The unit operates with the EvacGo control panel to provide high rates of information exchange in combination with particular features that ensure fast and secure responses.



Features

- Designed to operate with EvacGo control panels
- Passive device, does not need to be addressed
- Isolates the adjacent loop section where the short circuit occurred
- All functions of devices situated on opposite loop's section of the module are unaffected
- Restores power to the isolated loop section when short circuit is removed
- Designed to comply with the BS 8629 Code of Practice

Standards & Approvals

- EN54-17:2005

Specifications

Loop Voltage Range	15 - 40 VDC
Quiescent Current Consumption	90 µA at 24 VDC
Operating Temperature Range	-30 to +70°C
Humidity (non condensing)	5% to 85% RH
Dimensions L x H x D (w/o brackets)	210 x 170 x 66 mm
Weight	460g
Applicable wire gauge range	0.5 - 2.5mm^2

Order Codes and Options

20-LVMX100-BX	Single Boxed Isolator Module

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Dual Boxed Isolator Module

The dual boxed isolator module is designed to provide protection against short circuits and faults in flats and apartments.

The unit operates with the EvacGo control panel to provide high rates of information exchange in combination with particular features that ensure fast and secure responses.



Features

- Designed to operate with EvacGo control panels
- Passive device, does not need to be addressed
- Isolates the adjacent loop section where the short circuit occurred
- All functions of devices situated on opposite loop's section of the module are unaffected
- Restores power to the isolated loop section when short circuit is removed
- Designed to comply with the BS 8629 Code of Practice

Standards & Approvals

- EN54-17:2005

Specifications

Loop Voltage Range	15 - 40 VDC
Quiescent Current Consumption	90 µA at 24 VDC
Operating Temperature Range	-30 to +70°C
Humidity (non condensing)	5% to 85% RH
Dimensions L x H x D (w/o brackets)	210 x 170 x 66 mm
Weight	500g
Applicable wire gauge range	0.5 - 2.5mm^2

Order Codes and Options

20-DLVMX100-BX	Dual Boxed Isolator Module

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Short Circuit Isolator Module

The standalone isolator module provides short circuit isolation for analogue-intelligent loops.



Features

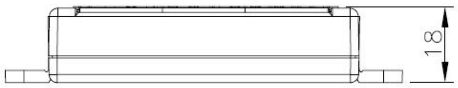
- Designed to operate with EvacGo control panels
- Provides short circuit isolation for analogue-intelligent loops
- Passive device, does not need to be addressed
- Isolates the adjacent loop section where the short circuit occurs
- Restores power to the isolated loop section when short circuit is removed
- Designed to comply with the BS 8629 Code of Practice

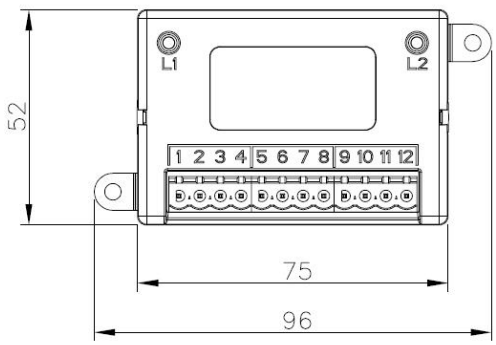
Standards and Approvals

- EN54-17:2005

Specifications

Loop Voltage Range	15 - 40 Vdc
Quiescent Current Consumption	90 µA
Operating Temperature Range	-30°C to +70°C
Humidity (non condensing)	5% to 85% RH
Dimensions L x H x D (w/o brackets)	75 x 52 x 18 mm
Weight	40g
IP rating	21C





Order Codes and Options

LVMX100	Short Circuit Isolator Module

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