AutroSafe General Control Unit   BN-320/GMU-XS

Features

- 2 monitored inputs.
- 1 output with potential free changeover contact.
- Connected directly to the detection loop.
- Short circuit isolator in each unit.
- Addressable.
- Loop powered.

Applications

The Autronica BN-320/GMU-XS General Control Unit is designed for maritime installations. The unit is connected to the detector loop, and it is designed for use with the AutroSafe Interactive Fire Alarm System, and AutroMaster5000.

The unit is used as an interface for a general monitoring and control to front external equipment on to the detector loop

Input A is used for confirming activation (manual or automatic.

Input B is used for reporting fault conditions (power fault and/or unit fault).

An open circuit (loss of the 2k on the inputs gives fault warning.

Note!
External units require separate power supply

Configuration

The unit must be configured as a BN-320/4 with the AutroSafe Configuration Tool.

The unit has a printed circuit board (BNA-320/10) with two (2) monitored inputs, one (1) output and will occupy one address on the detector loop.

The following is configured with AutroSafe Configuration tool:

Activation delay
Activation delay time in seconds

Normal monitoring timer
Normal monitoring timer in seconds
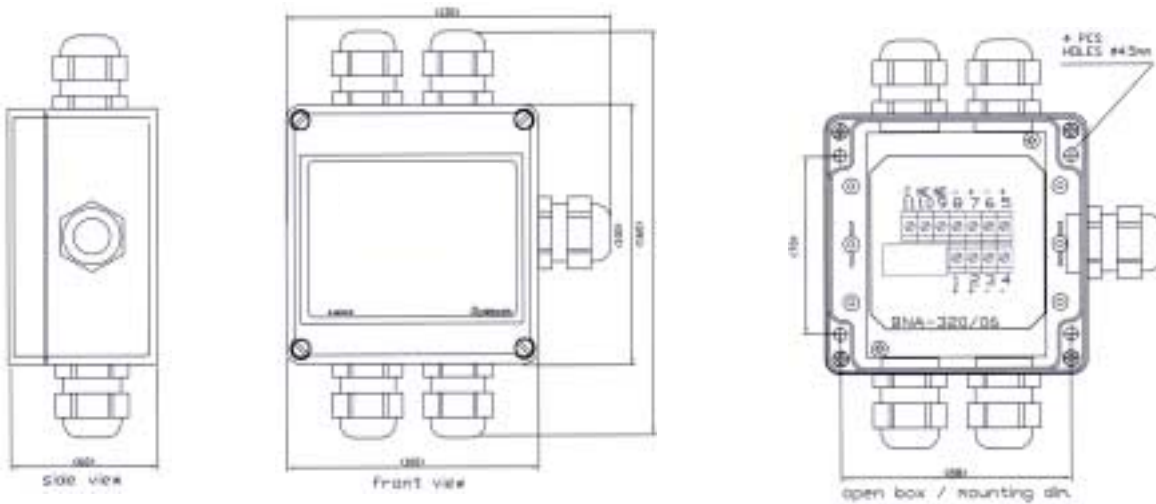
Activation timer
Activation timer in seconds

Activated monitoring timer
Activated monitoring timer in seconds

Weight	
Material	ABS (Acrylonitrile-Butadiene-Styrene) plastic
Colour	Light grey, RAL7035
Impact Resistance (DIN 53453)	9 kJ/m2
Fire retarded	UL94-HB/3 mm
Temperature Resistant Method: DIN53461 A	74°C
Input function	Configurable
Max. capacitance on input	40 nF
Output	Potential-free changeover contact. Maximum 1A / 30VDC resistive
Voltage	10 to 27VDC
Current consumption: Stand by	0.3mA
Degree of protection: Plastic box PG-inlets	IP65 IP68
Cable specifications Ø (mm)	PG16 (9-14)
Working temperature	-20 to +70ºC
Humidity (non-condensing)	Max. 95% RH
Maintenance	None
Service	Replace if faulty
Environmental Effect	Recycle-friendly (plastic without embedded metal)

Dimensional drawings

Based on dwg. no.: HB-101

side view

front view

open box / mounting dim.

Connection