

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

Application / Description

The Autronica BN-320/SV Standard Control Unit is designed for maritime installations.

The unit is connected to the detector loop, and it is designed for use with the AutoSafe Interactive Fire Alarm System, and AutoMaster5000.

Typical applications are:

- Interface for Section Valves
- Interface for extinguishing agents such as CO2 release, Halon release, Foam, Inergen release etc.
- Interface for dampers
- Interface for fans

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 (cannot be powered from the detector loop).

Principle

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 the AutoSafe Configuration tool :

- Activation delay (in seconds)
- Normal monitoring timer (in seconds)
- Activation timer (in seconds)
- Activation monitoring timer (in seconds)

Must be configured as a BN-320/4 in the AutoSafe ConfigTool.

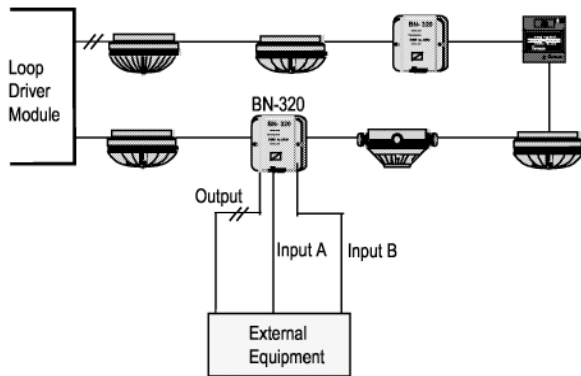


Technical Specifications

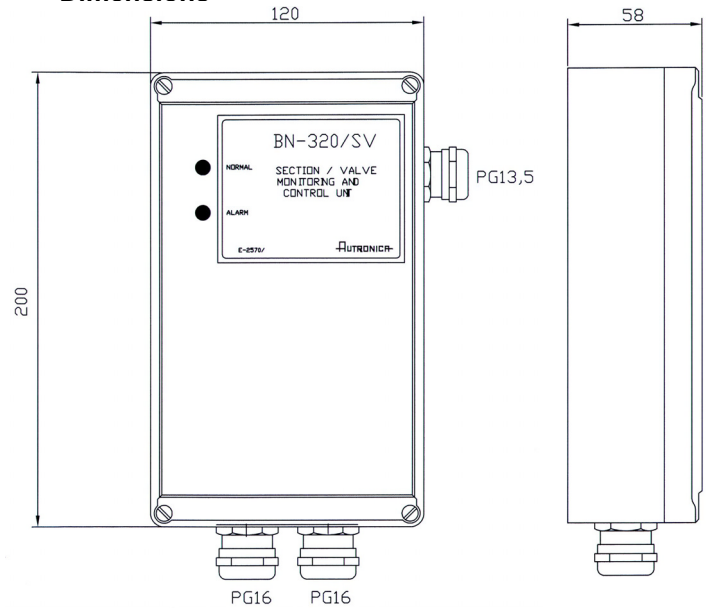
Weight	600g
Material	ABS (Acrylonitrile-Butadiene-Styrene) plastic
Colour	Light grey, RAL7035
Impact Resistance (DIN 53453)	9 kJ/m2
Fire retarded	UL94-HB/3 mm
Temperature Resistant Method: DIN53461 A	74°C
Input function	Configurable
Output	Potential-free changeover contact. Maximum 1A / 30VDC resistive
Voltage	10 to 27VDC
Current consumption: Stand-by	0.3mA
Degree of protection	IP67
Maintenance	None
Service	Replace if faulty
Approvals	See separate documentation

Order number	Description
BN-320/SV	Standard Control Unit

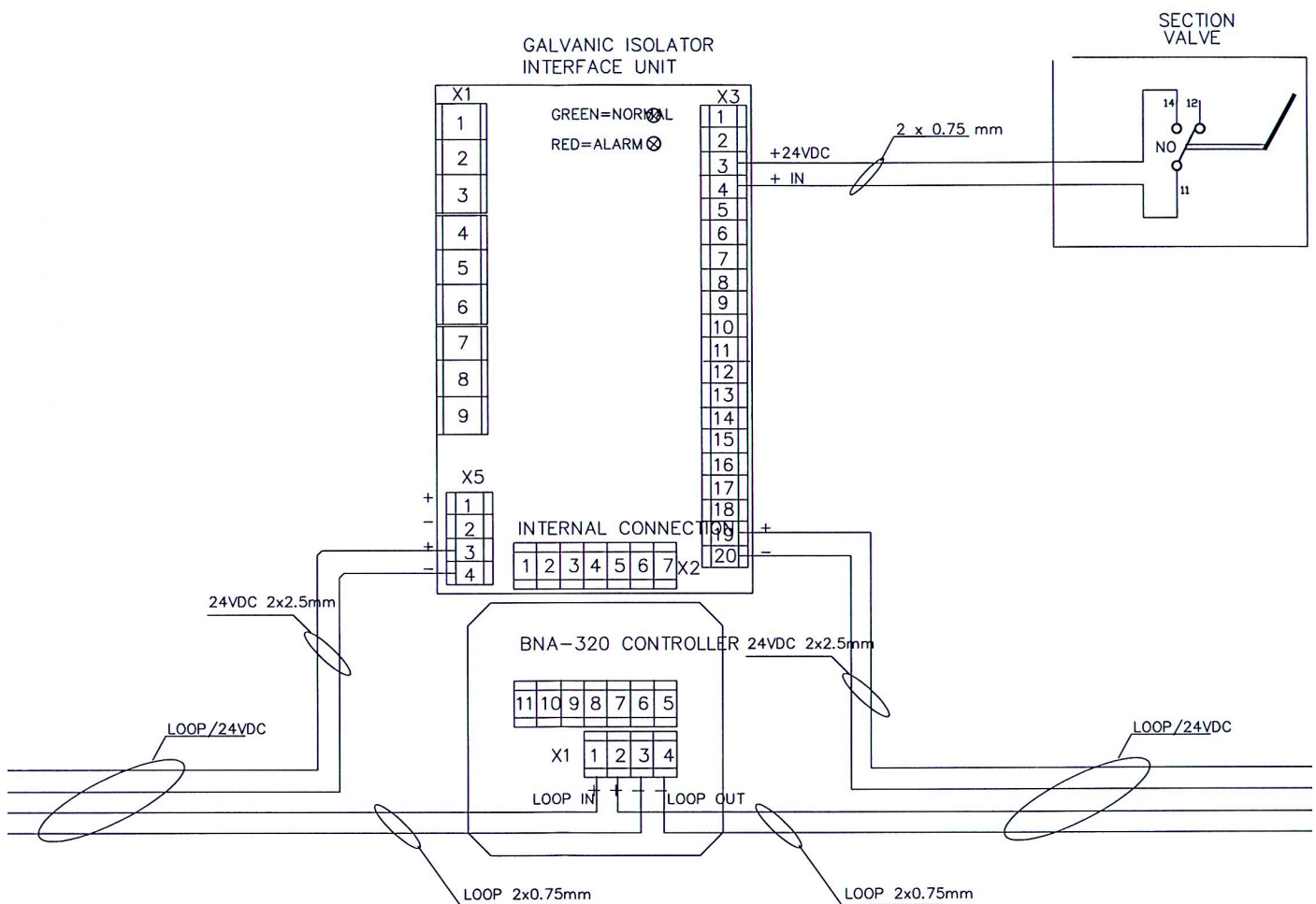
Overview



Dimensions



Connections



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