INTERFACE UNIT WITH SELFVERIFY - BN-320

Interactive fire detection systems
Product Datasheet

Features

- Interactive
- Interface unit for interfacing external units onto the interactive fire detection system
- Input/output signals
- 2 inputs: Monitored for on/off function
- 1 output: Potential free changeover contact
- Short circuit isolator in each unit
- Automatic addressing
- Proven technology
- With SelfVerify function for reduced maintenance/testing and increased reliability on the inputs
- Designed to meet the requirement of the major maritime classification societies



Applications

The I/O unit BN-320 is connected to the detector loop to control, monitor or identify external equipment. Typical applications are:

- Interface for AutroFlame detectors
- Interface for AutroBeam 25

The unit has been designed for use with Autronica's interactive fire detection systems, and comprise the SelfVerify function. This function ensures the highest grade of reliability and reduces the need for manual testing, because all units comprising this function are automatically checked once every 24 hours.

Note:
External units require 24 V working voltage (cannot be powered by the detector loop).

Principle

The unit has two (2) monitored inputs, one (1) out-put, and will occupy one address on the detector loop.

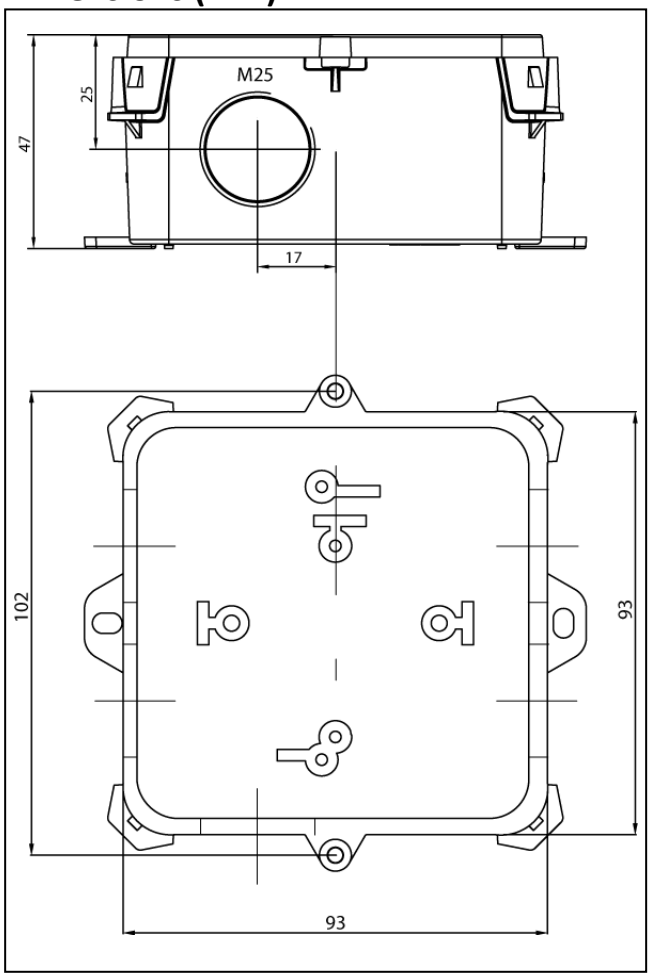
SelfVerify: the ability to initiate alarm signal is regularly checked.

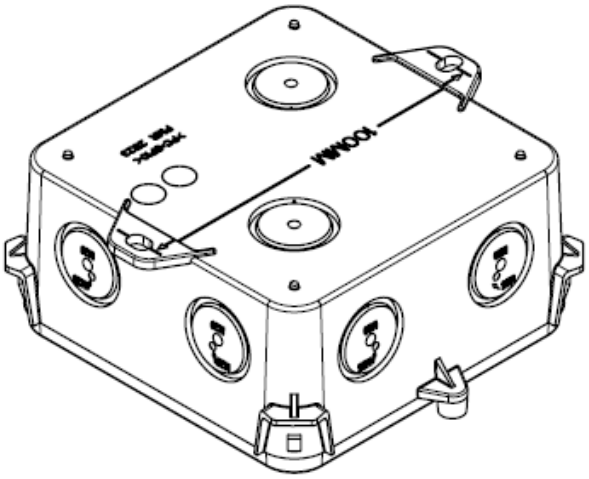
Technical specifications	
Weight	175 g
Material	Fiberglass reinforced polycarbonate (PC +GF10%)"
Colour	Light grey
Input function	Configurable
Output	Pot.free change-over contact. Max. 1A - 30 VDC resistive
Voltage	10 - 27 VDC
Current consumption: Stand by	 0,3mA
Environm. requirement	EN 54-5/EN 54-7
Degree of protection: Membr. inlets PG-inlets (PG-13,5)	 IP54 IP66
Working temperature	- 20 - + 70°C
Humidity (non condensing)	Max. 95% RH
Maintenance	None
Service	Replace if faulty
Approvals	See website

CE

Part number	Description
116-BN-320	Interface unit
116-6571-011.6020	M20 membrane gland (4 glands included)
116-71228428	2 packs with resistors included, Each pack incl. 1x2K Ohm 1x910 ohm

Dimensions (mm)





Connections

