

EU311

Addressable Input/Output Micromodule



VERSA⁺



The Enea series EU311 micromodule, as a result of advanced technologies based on new-generation microprocessors, represent the most advanced technology that fire detection equipment can offer today.

Each device is identified by a unique factory-assigned serial number. Therefore, these devices do not require the use of an address programmer. The serial number is located on the device label and on two stickers which can be positioned on the system layout and on the mounting base.

Once the loop wiring is complete, the EDRV1000 driver or control panel (SmartLoop/SmartLight) via the LoopMap application, enrolls all the connected devices automatically and reconstructs a map indicating the wiring order of the connected devices, "T" junctions and all the physical characteristics of the Loop. The LoopMap application allows you reconstruct the exact installation layout and thus create an easy-to-use, interactive loop map which greatly simplifies and speeds up searches relating to system faults and maintenance work.

The innovative serial self-addressing function, developed by Inim's R&D professionals, allows you to add new devices to an existing system without reprogramming it. In this way, the LoopMap specifications remain unchanged and the new devices are assigned available logical addresses (in order) and correctly positioned on the interactive map.

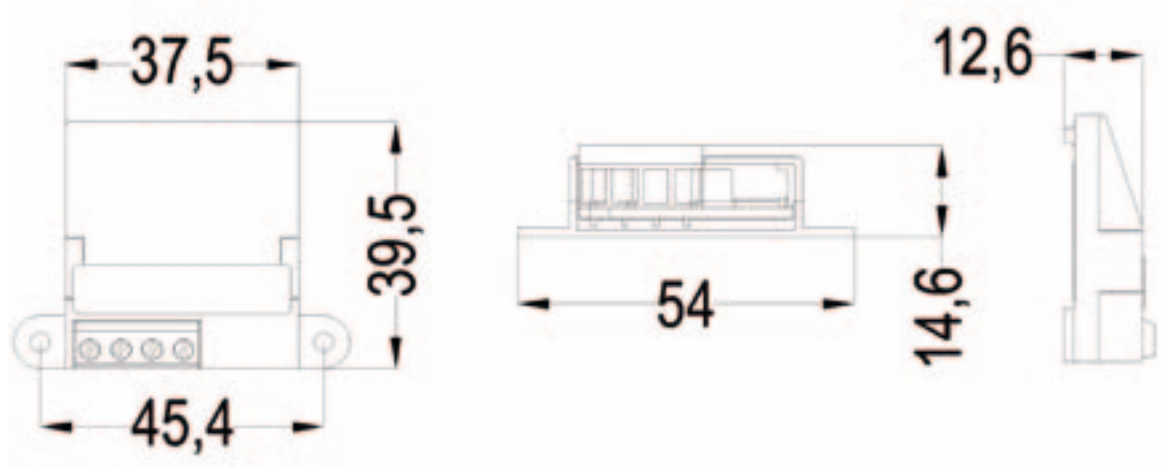
The self-addressing function also eliminates many of the problems connected with the manual addressing procedure, such as time-consuming operations on rotary/DIP switches and errors caused by duplicated or wrong addresses and similar problems. LoopMap technology not only makes the self-addressing process more reliable, it also speeds up fault searches, facilitates system expansion, simplifies changes and assures greater flexibility and lower costs.

Inim's new technology combines the advantages of manual addressing with the cutting-edge efficiency of a self-addressing process. The EU311 module is equipped with a supervised input (alarm, pre-alarm and fault) capable of monitoring the status of a device, and a loop-powered supervised output for an audible/visual signalling device.

The EU311, as all ENEA series devices, is equipped with an isolator module which occupies a loop address.

Technical Specifications

- Certification: LPCB CPD EN54/pt18 -pt17 certificate N° 0832-CPD-1452.
- Self-addressing.
- LoopMap Technology.
- Versa++ Technology.
- 240 addresses.
- 1 supervised input.
- 1 loop-powered output.
- Short-circuit isolator.
- Programmable warning threshold.
- Power supply voltage: 19 - 30Vdc.
- Current draw during standby: 80μA.
- Max. output current draw: 20mA.
- Dimensions (H x W x D) 37.50 x 39.50 x 15 mm.
- Weight: 15 g.



ORDER CODE

EU311: Micromodule.

REFER TO

ITD017 - EU311 Wiring diagram Input.

ITD018 - EU311 Wiring diagram Input.

ITD019 - EU311 to GAS ING55-5xx Relay.

ITD020 - EU311 to GAS ING55-5xx INA55-505.

ITD021 - EU311 to Micra100 Wiring diagram.