

EU311



991g/02



EN 54-17
EN 54-18

0051
0051-CPR-1871

INPUT/OUTPUT ADDRESSABLE MICROMODULE



VERSA⁺



The EU311 input/output micromodule comes from the **ENEA** series of the Inim Electronics.

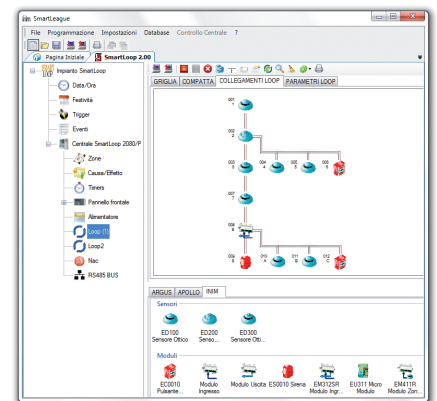
Each device from the ENEA series is identified by a unique factory-assigned serial number. Therefore, these devices do not require the use of an address programmer. The serial number is located on the device label and on two stickers which can be positioned on the system layout and on the mounting base. Once the loop wiring is complete, a manual programmer or a control panel 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. LoopMap technology 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 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.

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.

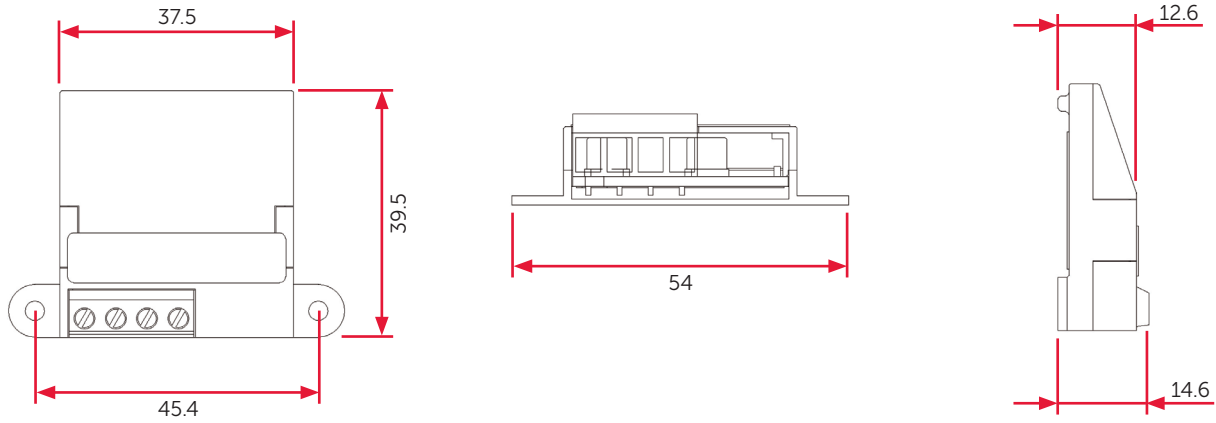
The EU311, as all ENEA series devices, is equipped with an isolator module which occupies a loop address.



TECHNICAL SPECIFICATIONS

- Certification CPR EN54/pt18-pt17
- Serial self-addressing (each device is identified by a factory-assigned serial number)
- LoopMap Technology
- Versa++ Technology
- 240 addresses
- 1 supervised input
- 1 loop-powered output
- Integrated short-circuit isolator
- Programmable warning threshold
- Power supply voltage 19 - 30Vdc
- Current draw during standby 80µA
- Max. output current draw: 20mA
- Dimensions (H x L x D) 37.50 x 39.50 x 15mm
- Weight 15g
- Operating temperature from -5°C to +40°C

DIMENSIONS



WIRING DIAGRAMS TABLES

- 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

ORDER CODES

- EM110** Input module
- EM312SR** Input/Output module
- EM411R** Conventional line input module
- EM3XXX** Multi input/output module with conventional line interface
- EU311** Input/Output micromodule
- EU311C** Micromodule for loop connection of conventional callpoints