EM110

INPUT ADDRESSABLE MODULE
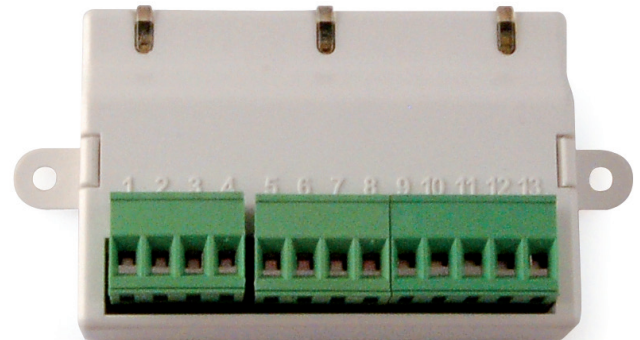
The EM110 input module comes from the **ENEA** series of the Inim Electronics.

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 EM110 module is equipped with an independent supervised input (alarm, warning and fault) suitable for addressing contacts which refer to the fire control system.

The module connects to the same line as the detectors.
The EM110, as all ENEA series devices, is equipped with an isolator module and it occupies a loop address.
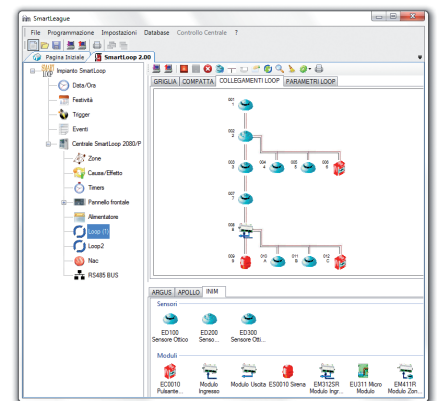
TECHNICAL SPECIFICATIONS

- Certification: CPR EN54/pt18-pt17
- Self-addressing (each device is identified by a factory-assigned serial number)
- LoopMap Technology
- Versa++ Technology
- 240 addresses
- 1 supervised input
- Built-in short-circuit isolator
- Programmable warning threshold
- Power supply voltage: 19 - 30Vdc
- Current draw during standby: 75µA
- Current draw during alarm: 20mA
- Tri-colour LED for input/isolator status signalling
- Dimensions (H x L x D) 53 x 100 x 29mm
- Weight 66 g
- Operating temperature: from -10°C to +55°C

EM110

DIMENSIONS

12.5

29

A   B   C

1 2 3 4   5 6 7 8 9 10 11 12 13

53

90

78

19

100
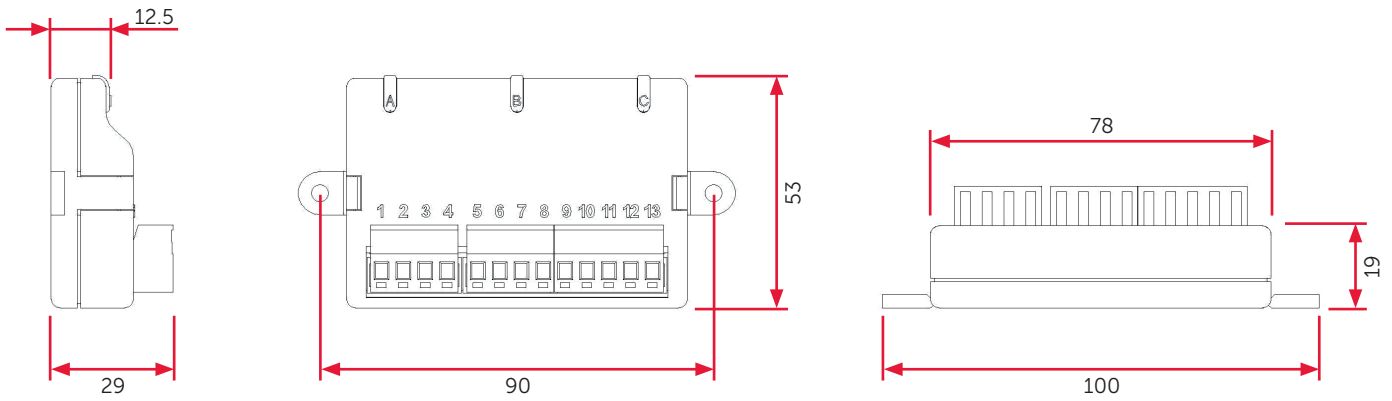
ORDER CODES

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

Inim distributor's stamp
and signature