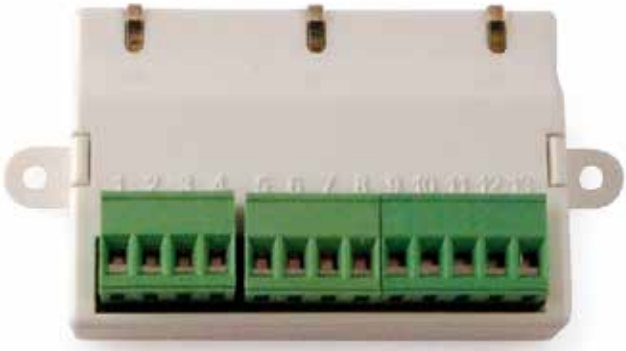
EM411R

ADDRESSABLE CONVENTIONAL-ZONE INTERFACE MODULE

The EM411R module from the **ENEA** series allows you to interface a conventional line (up to 32 conventional detctors or callpoints) to an INIM addressable-analogue control panel.



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 EM411R is equipped with a conventional line input, a relay output with 2 voltage-free contacts (activated by the same events) programmable as NO/NC (assignable to any control panel event).

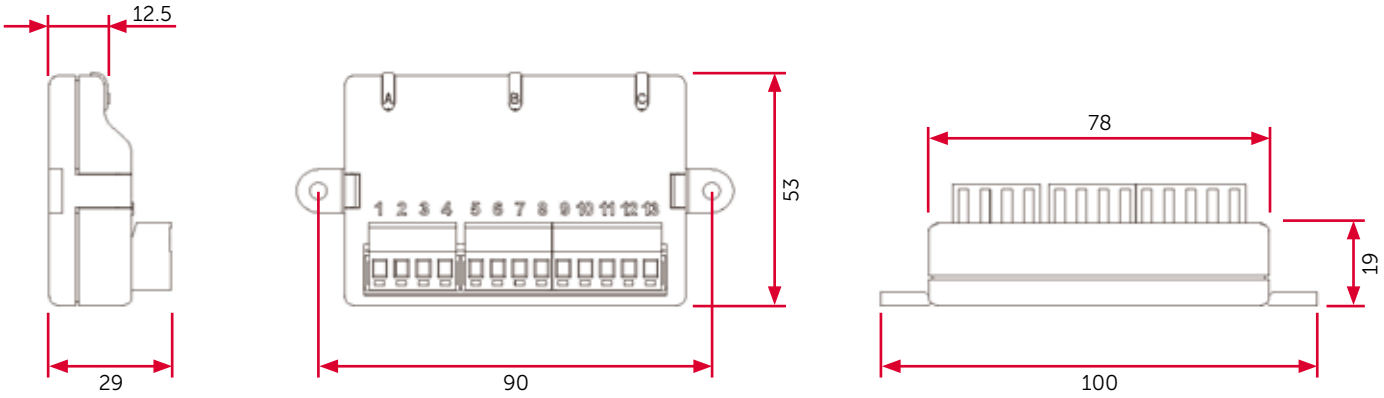
The EM411R, as all ENEA series devices, is equipped with an isolator module and it occupies a loop address.

TECHNICAL SPECIFICATIONS

- Self-addressing (each device is identified by a factory-assigned serial number)
- LoopMap Technology
- Versa++ Technology
- 240 addresses
- 1 conventional line input
- 1 dual point relay output 1A@30Vdc
- Built-in short-circuit isolator
- Power supply voltage: 19 - 30Vdc
- Current draw during standby: 1mA
- Current draw during alarm: 20mA
- Conventional EOL: Condenser 22µF 35V
- Tamper threshold without load: 220 nF
- Tamper threshold with load: 2.2 µF
- Alarm threshold: 12 mA
- Sort-circuit threshold
- Tri-colour LED for input/output/isolator status signalling
- Dimensions (H x L x D) 53 x 100 x 29mm
- Weight 66g

EM411R

DIMENSIONS



ORDER CODES

EM110 Input module
EM312SR Input/Output module
EM411R Conventional line input module
EM3XX Multi input/output module with conventional line interface
EU311 Input/output micromodule
EU311C Micromodule for loop connection of conventional callpoints

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