

## MODULES M710 e M720

### DESCRIPTION

Microprocessor monitor module for addressable intelligent system. M710 and M720 are compatible with all NOTIFIER panels.

This module permit monitoring of a single input (M710) or two inputs (M720) for fire protection equipment with normally open contacts.

A multi-colour LED, provide diagnostic information witch display the status of each individual input. From control panel is possible to program LED status.

All 700 series module has built-in short circuit isolator for the communication loop; however, to increase application flexibility, the isolators can be selected/deselected on an individual module basis.

- NOTIFIER addressable control panel identify automatically this device as monitor module.
- For module addressing there're two decimal rotary switch (01-159).
- Module power provided directly from 2 wire loop of a NOTIFIER Intelligent control panel.
- Built-in Isolation module on communication loop.
- Wide view angle LED.
- Built-in LED blink each time there is communication with control panel; if necessary, from control panel is possible to program module LED to not blinking.
- High immunity from electromagnetic noise.
- Easy wiring thanks to plug-in connectors.

### APPLICATION

This module can be used to supervising manual push-button or device with N.O. contacts.

Monitored circuit can be wired with 47 K Ohm resistor end of line.



### INSTALLATION

M701 unique mechanical design permit:

- wall mounting, in dedicated plastic box M200E-SMB.
- on a DIN rail (35mm x 7,5mm) with plastic adapter M200E-DIN
- panel mounting with plastic adapter M200E-PMB

### BUILT-IN ISOLATION MODULE

All module 700 series are endowed with monitoring device against loop short circuit and insulator. If necessary, is possible to disable the isolator, connecting circuit directly to positive loop at terminal 5 instead of terminal

### OPERATION

M710 module use one of 159 address available on loop whereas M720, two inputs models use two consecutive address, starting by the one programmed with the two rotary switch. It reply to periodic polling from the control panel giving report about module state (open/ normal /short-circuit) and device connected. LED blinking means that module is in communication with main control panel. Address can be programmed after installation.

## TECNICAL FEATURES

- Max. wire diameter: 2,5 mm<sup>2</sup>.
- Operation voltage range: 15 + 30 Vdc. (Communication Loop)
- To guarantee LED power is necessary 17,5 Vdc (Communication Loop) Minimum voltage
- Standby current:  
310 µA **M710** 340 µA **M720** (LED = No blink)  
510 µA **M710** 600 µA **M720** (LED = blink)
- Supervising current:  
0 µA OPEN,  
100 µA NORMAL,  
200 µA SHORT CIRCUIT
- Operative temperature range: -20° C ÷ +60° C.
- Relative humidity: 5% ÷ 95% without condensate.
- Dimensions: 93mm (H) 94mm (W) 23mm (D) (Block connectors included)
- Weight (module only): 110 gr.
- Weight (module + M200E-SMB) 235 gr.

## ACCESSORIES

- **M200E-SMB** Plastic Box.  
Dimensions 132mm (H) 137mm (W) 40mm (D)



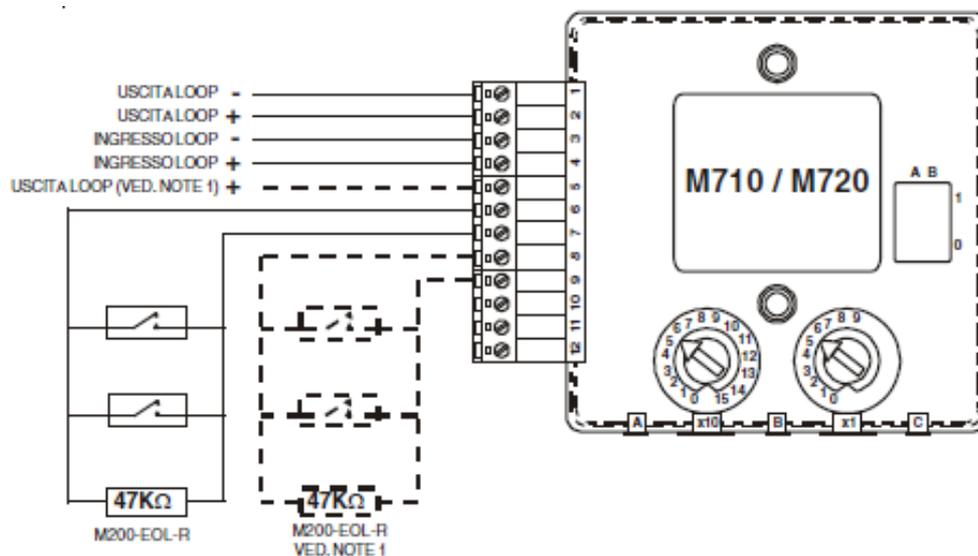
- **M200E-DIN** bracket for DIN Rail



- **M200E-PMB** bracket for mounting panel



## CONNECTIONS



 **NOTIFIER**<sup>®</sup>  
by Honeywell

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