NOTIFIER®
by Honeywell

MODULE M701

MAIN FEATURES

Microprocessor control module for addressable systems. **M701** is compatible with all NOTIFIER panels.
M701 provide a single control for polarized optical/acustic indication equipment or a Form C contact. Module state are displayed using a bi-colour Led.
All module of 700 series are equipped with an internal isolation device for loop communication.

- 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
- Two different module configuration:
  – CON = for polarized optical/acustic indication equipment;
  – FORC = SPDT relay.
  For CON configuration is necessary a separated power; for the optical/acustic indication equipment.
- Built-in isolation module on loop comunication.
- Wide view angle LED.
- Built-in LED, blink each time there is comunication with control panel; if necessary, from control panel is possible to program LED module to not blink.
- Hight immunity from electromagnetic noise.
- Easy wiring thanks to plug-in connectors.

OPERATION

Each **M701** module use one of 159 address available on loop. It reply to periodic polling from the control panel giving report about module state and device connected. LED blinking means that module is in communication with main control panel.
Upon control unit command, module activate internal relay, sending information about its state to control unit. To program FORC configuration (SPDT relay) is necessary to put in the right position the dip-switch (see picture below). Address can be programmed after installation.

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, connetting circuit directly to positive loop at terminal 5 instead of terminal 2.

CE
0786-CPD-20341

APPLICATION

Can be used with optical/acustic indication equipment in circuits style Y o Z (class A o B).
Can be programmed to operate with electromagnet, rolling gate, etc., and to reset 4 wire conventional smoke detectors power line.
Commands include two rotary switch to program-line address from 1 to 159.
It's possible to configure M701E to have a single FORC contacts (N.O. or N.C.).

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

SISTEMA GESTIONE QUALITÀ E AMBIENTE CERTIFICATI
UNI EN ISO 9001:2008 - UNI EN ISO 14001:2004

FEATURES

- Max. wire diameter: 2,5 mm^2.
- Operating voltage range: 15 ÷ 30 Vdc.
  (Comunication Loop)
- To guarantee LED power is necessary 17,5 Vdc
  (Comunication Loop) Minimum voltage
- Current absorb: 5 mA with LED on.
- Standby current:
  310 µA (LED = No blink)
  510 µA (LED = blink)
- Supervising current:
  0 µA OPEN,
  100 µA NORMAL,
  200 µA SHORT CIRCUIT.
- Relay contact : 2 A @ 30 Vdc (resistive load)
- Inductive load: 1 A @ 30 Vdc (0,6 pF.)
- 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
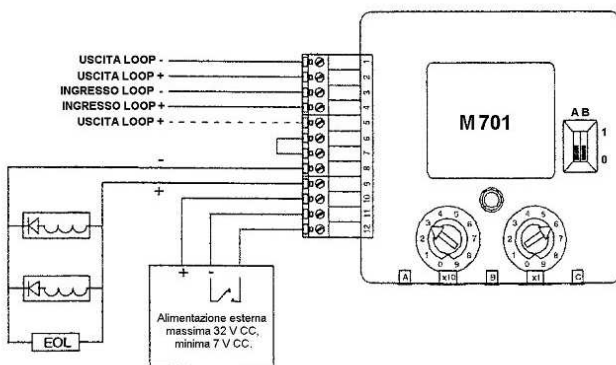

- **M200E-PMB** bracket for mounting panel
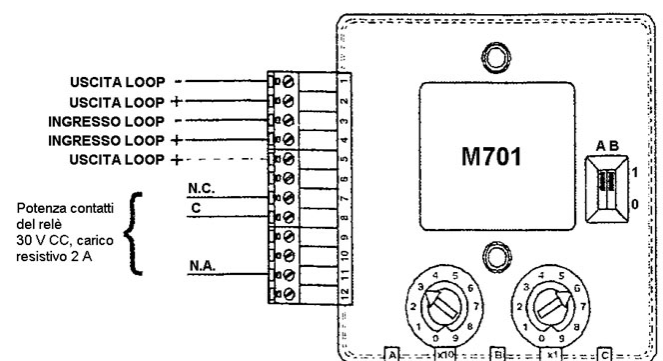

OPTIONAL MONITORING

Mode	Switch A	Switch B	EOL
Standard	0	0	Resistor 47 KOhm
VDS	1	0	Polarized 47 Ohm
SPDT Relay	X	1	FORC

Panel programming default Type-ID	
CON	FORC

CONNECTIONS

Progr. = CON

Progr. = FORC