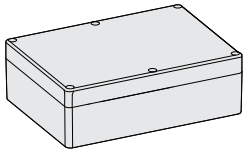
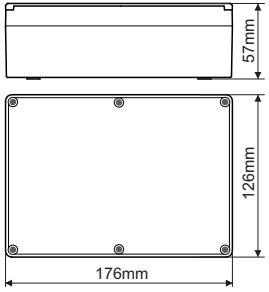


MAGPRO-R

EN54-18

! Dimensions



! Installation

IP65

-10°C ÷ +60°C

~320g

Indoor use ☑

Outdoor use ☑

CE

Installation Instructions

! ATTENTION

The MAGPRO-R addressable module must be connected only to fire panels from MAGPRO Series!

General Description

MAGPRO-R is an electrical mains switching relay output control module designed for application in addressable fire alarm systems, supporting MAGPRO communication protocol.

The module provides interface for 240V and it is suitable for control of 240VAC voltage circuits.

The module is mounted is a separate small plastic box suitable for wall mounting, with transparent cover for visual inspection.

Installation

Attention: Power off the loop circuit before installing the MAGPRO-R addressable module!

1. Choose the proper place for installation of the module. Undo the screws of the cover and open the box.
2. Set the module address using MAGPRO-PROG Programmer or directly from addressable fire panel. The address must be in the range from 1 to 250. Use an appropriate sticker to write down the set address and to label the module.
3. Dismount the module's PCB from the box bottom. Mark mounting holes on the installation surface. Drill holes at the appropriate box side and run the cables to the module's loop and output terminals.
4. Mount the box bottom at the place of installation. Mount the PCB back on place.
5. Connect the cables to the loop and ralay terminals of the module according the shown Connection diagrams.
6. Close the cover of the plastic box and fix it to the bottom with the supplied screws.
7. Test the module for proper operation and LED indication.

MAGPRO-R is designed according the requirements of EN54-18.

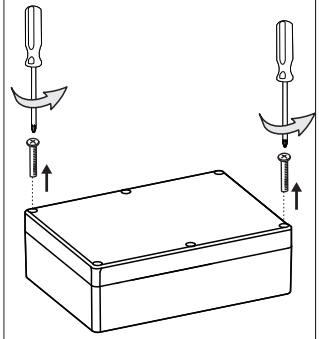
TECHNICAL SPECIFICATIONS

Operating voltage	15÷ 32 VDC
Nominal consumption during communication	220µA
Current consumption in STAND-BY mode	175µA@27VDC
Current consumption with LED ON	4mA
Repay ratings	5A/ 250VAC; 5A/ 30VDC
Max. cross-section of the cable	2.5mm^2
Relative humidity	≤93% @ +40°C
Material (plastic)	ABS
Color	White
Standard	EN54-18

Distributor: Elite Security Products Ltd, Unit 7 Target Park, Shawbank Road Lakeside, Redditch B98 8YN, UK http://www.espuk.com
Manufacturer: Teletek Electronics JSC, 14 Srebarna Str., 1407 Sofia, Bulgaria, http://www.teletek-electronics.com

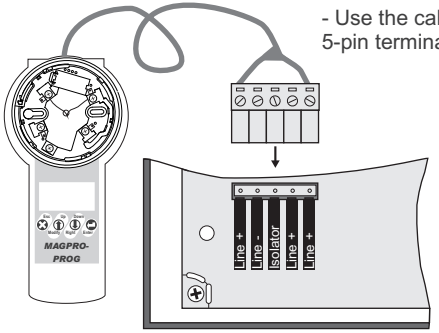
18020172; RevA; 02/2014

1 Open the box

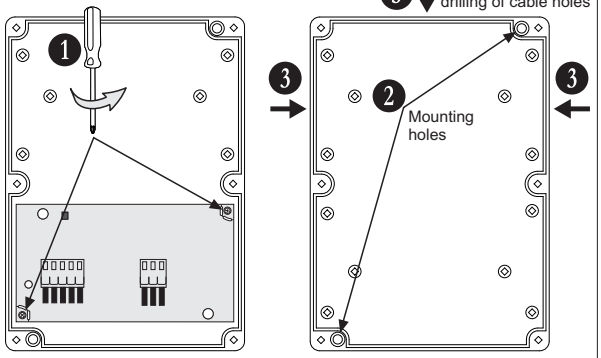


2 Address programming

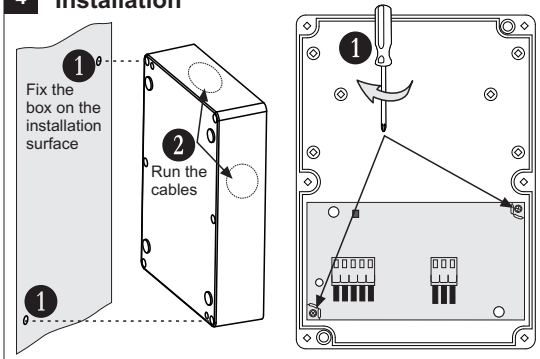
- Use the cable with 5-pin terminal.



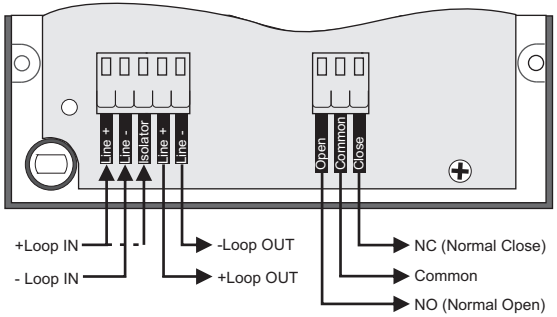
3 Mounting and Cable holes



4 Installation



5 Connection diagrams



Description of the connection diagram:

-Loop IN - Connect the negative wire of the input communication line, not depend on using the internal isolator.

+Loop IN - Connect the positive wire of the input communication line, in cases when the internal isolator module is not used.

+Loop IN/ with isolator - Connect the positive wire of the input communication line, in cases when the internal isolator module is used.

-Loop OUT - Connect the negative wire of the output communication line.

+Loop OUT - Connect the positive wire of the output communication line.

NC (Normal Close) - Normal Close relay contact

NO (Normal Open) - Normal Open relay contact

Common - Common ground

! LED Indication

The indication LED is situated in the upper left corner of the module's PCB. In normal operation mode the **LED blinks in red** at every communication between the module and the fire panel.

The LED lights on permanently in red when the output is activated.

The LED activation can be disabled from panel menu: *System-Programming-Devices-Loop Devices-MORE.*