

Instruction Manual

Conventional line monitoring module

M9000A ACZ

Attention: Read this instruction carefully before proceeding with the installation of the fire detector.

The M9000A ACZ is an addressable module for use in addressable fire alarm systems supporting communication DMTEch protocol.

The module monitors and transmits to the panel the status of conventional zone where up to 32 fire detectors are connected.

The M9000A ACZ module can detect the occurrence of the following events in the conventional zone: fire, short compound, removed detector from base and break in line (connects EOL 4.7k at end of line).

The M9000A ACZ is powered directly from the panel and is controlled through the communication protocol.

The module is located in a separate plastic case box suitable for wall mounting.



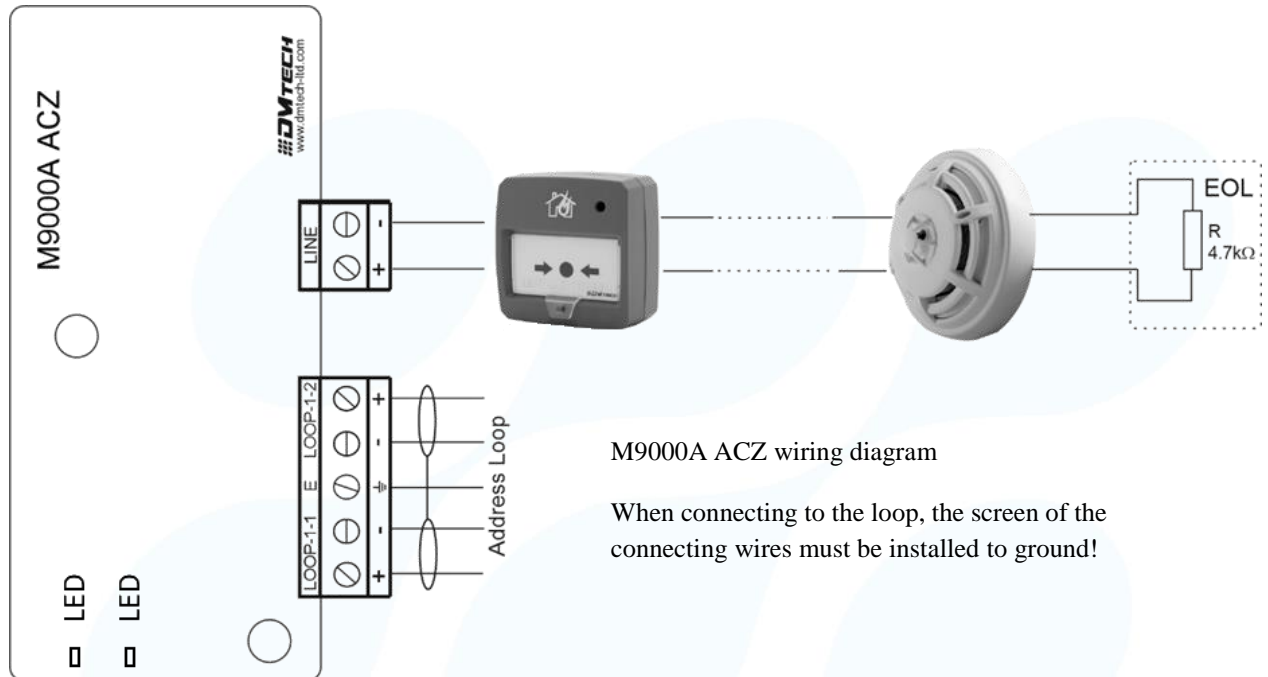
1. Specifications

- One conventional zone.
- DMTEch protocol
- Certified according to EN 54-11 and EN-54-17
- LED indication
- Built-in short-circuit isolator
- Power supply from Central FP9000A 18-30V DC
- Loop power
- Consumption:
 - in idle state < 500 μ A/28V DC
 - in triggered, with communication < 2.5mA/28V DC
- Connecting wires 0.5mm² - 2.0mm²
- Operating temperature -10°C up to +65°C
- Resistance to relative humidity (93 \pm 3)% at 40°C
- Degree of protection IP40
- Weight ~100g
- Dimensions 105x85x23mm
- Material (plastic) - ABS
- Color – white/red
- Output, electrical characteristics (max) DC 30V/1A; AC 125V/0.5A

2. Assembly of the module

Attention: Switch off the loop voltage before installing the module!

1. Mount the base of the box in a suitable place.
2. Establish the address of the module using a programmer or from the panel.
3. Route the connection cables to the module terminals.
4. Connect the loop cables and inputs and outputs to the module terminals according to the attached wiring diagrams.
5. Test the module for proper operation and light indication.



M9000A ACZ wiring diagram

When connecting to the loop, the screen of the connecting wires must be installed to ground!

3. Service Support

- external inspection for mechanical damage and pollution - 1 time a year;
- performance check - 1 time per year;
- preventive cleaning - depending on the environment in which it is located.

4. Warranty obligations

The manufacturer guarantees that the product complies with EN 54-11 and EN54-17.

The warranty period is 36 months from the date of sale, provided that:

- storage and transport conditions are met;
- the commissioning is carried out by authorized persons;
- the operating requirements set out in this manual are observed;
- the defects are not caused by natural phenomena and failures of the power supply network.

If a warranty repair is required, please contact your supplier.