ONEMODULE110 1 supervised input + 1 formC output
ONEMODULE111 1 supervised input + 1 formC output + 1 monitored output
ONEMODULE120 1 supervised input + 2 formC outputs
ONEMODULE300 3 supervised inputs
ONEMODULE301 3 supervised inputs + 1 monitored output

Features

- APPLUS approved in compliance with EN54-17 EN54-18 standards
- ONEPROTOCOLL communication protocol
- Isolator integrated in each device
- Manual addressing via the ONEPROGRAMMER programmer
- Auto addressing for devices on loops even with "T" connections
- Auto mapping function
- Reading of the voltage value at the terminals of the addressed devices
- 240 addresses available per loop (remember that each multi-module occupies several addresses depending on the model)
- Three-colour LED (red / green / yellow) controlled by the control unit
- ONEMODULE110   Certificate n°0370-CPR-3642
- ONEMODULE111   Certificate n°0370-CPR-3642
- ONEMODULE120   Certificate n°0370-CPR-3642
- ONEMODULE300   Certificate n°0370-CPR-3642
- ONEMODULE301   Certificate n°0370-CPR-3642

Description

The new series of analogue multi modules of the **ONEMODULE** line implements supervision and monitoring functions for the activation and supervision of auxiliary devices.

Each **ONEMODULE** can be addressed manually, by ONEPROGRAMMER programmer or by fire detection control unit with ONEPROTOCOLL protocol or with auto addressing by fire detection control unit with ONEPROTOCOLL protocol.

The input channels monitor the rest, alarm and fault condition through the balancing resistors provided.

The output channels can be either monitored or formC type. In the case of monitored output, the end of line (cut, short cables) and the presence of the power supply on the load, supplied with end-of-line resistance and diode are checked.

In the case of formC output, the module offers potential-free relay contacts.

Simplified installation

The installation of **ONEMODULE** is very simple, the programming of the addresses takes place via the ONEPROGRAMMER programmer or through auto addressing, no DIP switches or rotary switches are used.

Auto addressing for devices on loops also operates with "T" connections.

The **ONEMODULE** modules offer a combination of inputs and outputs in a single container thus allowing to save on the assembly and cost of the cables compared to single modules.

Obviously **ONEMODULE** will always occupy a number of addresses given by the type of module purchased.

Guaranteed communication

The **ONEMODULE** series modules are equipped with an integrated short-circuit isolator.

This means that in the event of a failure on a loop or on a single device, communication with the devices themselves is not interrupted.

Thus greater system reliability is guaranteed.

ONEMODULE110 1 supervised input + 1 formC output
ONEMODULE111 1 supervised input + 1 formC output + 1 monitored output
ONEMODULE120 1 supervised input + 2 formC outputs
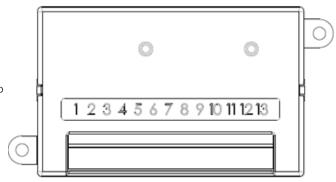**ONEMODULE300** 3 supervised inputs
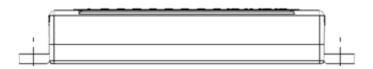**ONEMODULE301** 3 supervised inputs + 1 monitored output
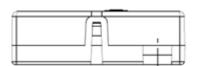
Construction

The **ONEMODULE** range is made of matt white ABS.

It is equipped with extractable terminal blocks both towards the loop and towards the field.

It is possible to use cables with a maximum section of 2.5mm

Approvals and Compliance

The entire **ONEMODULE** range is APPLUS certified according to the EN54 standard parts 17 and 18.

Codes

Code	Description
ONEMODULE110	1 supervised input + 1 formC output
ONEMODULE111	1 supervised input + 1 formC output + 1 monitored output
ONEMODULE120	1 supervised input + 2 formC outputs
ONEMODULE300	3 supervised inputs
ONEMODULE301	3 supervised inputs + 1 monitored output

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ONEMODULE110 1 supervised input + 1 formC output
ONEMODULE111 1 supervised input + 1 formC output + 1 monitored output
ONEMODULE120 1 supervised input + 2 formC outputs
ONEMODULE300 3 supervised inputs
ONEMODULE301 3 supervised inputs + 1 monitored output

Technical specifications

Device	ONEMODULE110	ONEMODULE111	ONEMODULE120	ONEMODULE300	ONEMODULE301
Type	1 supervised input + 1 formC output	1 supervised input + 1 formC output + 1 monitored output	1 supervised input + 2 formC outputs	3 supervised inputs	3 supervised inputs + 1 monitored output
Compliance	EN54-17,EN54-18	EN54-17,EN54-18	EN54-17,EN54-18	EN54-17,EN54-18	EN54-17,EN54-18
Addresses on loops	2	3	3	3	4
Certification body	APPLUS				
Protocol	ONEPROTOCOLL				
Loop	Up to 240 addresses available along 5Km cable *				
Supply voltage	27V				
Stand by consumption	130uA@27V				
Alarm Current	6ma@27V				
Operation temperature	-5°C/+40°C				
Humidity	95% RH (without condensation)				
Size	106x54x27 mm				
Weight	100g				

* note: subject to load calculations and use of appropriate cables