

MSTAY

TECHNICAL SIGNALS MODULE

NEW

Technical signals module certified EN 54-18

Microprocessed algorithmic addressable loop device (with short-circuit isolator).

It has two inputs to distinguish between the open or close state of a dry contact connected in series with a 10 k Ω resistor. In quiescent condition, the contact has to be open, and in anomaly condition, the contact has to be closed.

In the first input (marked with IN1), the closed contact is detected as an ALARM condition. In the second input (marked with IN2), the closed contact is detected as FAULT warning condition. It is possible to associate both inputs having an alarm and fault conditions information.

In the quiescent condition, the device supervises the electrical connection through a 33 k Ω resistor, which allows indication of open electrical connection or short circuit status.

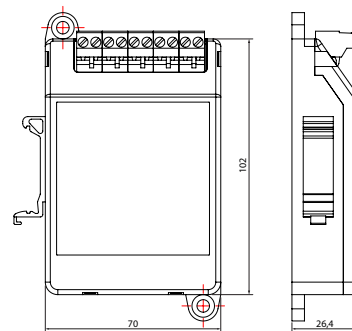
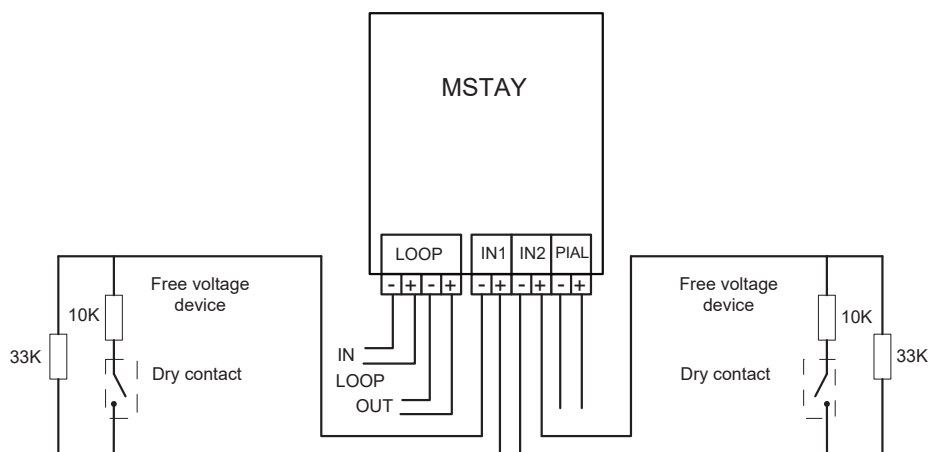
It is usually used to inform about the status of other detection systems associated to Cofem systems, like flow sensors in the case of sprinkler installations, end of stroke for fire-resistant doors, elevators, or level of deposits, etc.

The red Led blinking indicates communication with the control panel, and if it remains lit it indicates the alarm status. The lit green LED indicates activation of one or both inputs.

This device has an output for connection to a remote action indicator, which is activated when in case of alarm status. The technical signals module is a loop powered device.

The device is supplied in a rectangular, heat-resistant ABS box, to be mounted on surface or on DIN rail.

The module is certified according to EN 54-18 Standard, and CE mark according to the European Regulation of Construction Products (UE) N°305/2011.



TECHNICAL FEATURES

Module power supply	loop 24 - 35V with polarity	Communication/Alarm indicator	Red light
Standby current	1mA	Humidity	20 - 95%RH
Short-circuit isolator	Yes	Temperature	-10°C - +50°C
Supervision voltage	7V with reverse polarity	Dimensions (totals)	82,5x123x26,4mm
Remote indicator output	Green light	Standard	EN 54-18
Activation signal	Yes	IP protection	IP30