MAMI
Manufacturing And Minor Inventions

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SIGmo611
SigFox/LoRaWAN/Ethernet Programmable Communicator
6 inputs, 1 dialer, 1 output

sigfox   LoRaWAN

Description

The Sigmo is a monitoring device that will send the change input status as well as contact ID dialed from alarm panels to an alarm control room base station and/or mobile APP.
Depending on the version the Sigmo can communicate to the cloud using ethernet, Sigfox or LoRaWAN networks.

Boot up
On boot up the Green status LED will flash and the RED error LED will remain on. After approximately 1 minute the Red LED should turn off indicating the availability of Ethernet connectivity, Sigfox or LoRaWan networks

Panel Programming of Contact ID

Program Telephone number '22' to be dialed and ADEMCO Contact ID into the Alarm panel being monitored.
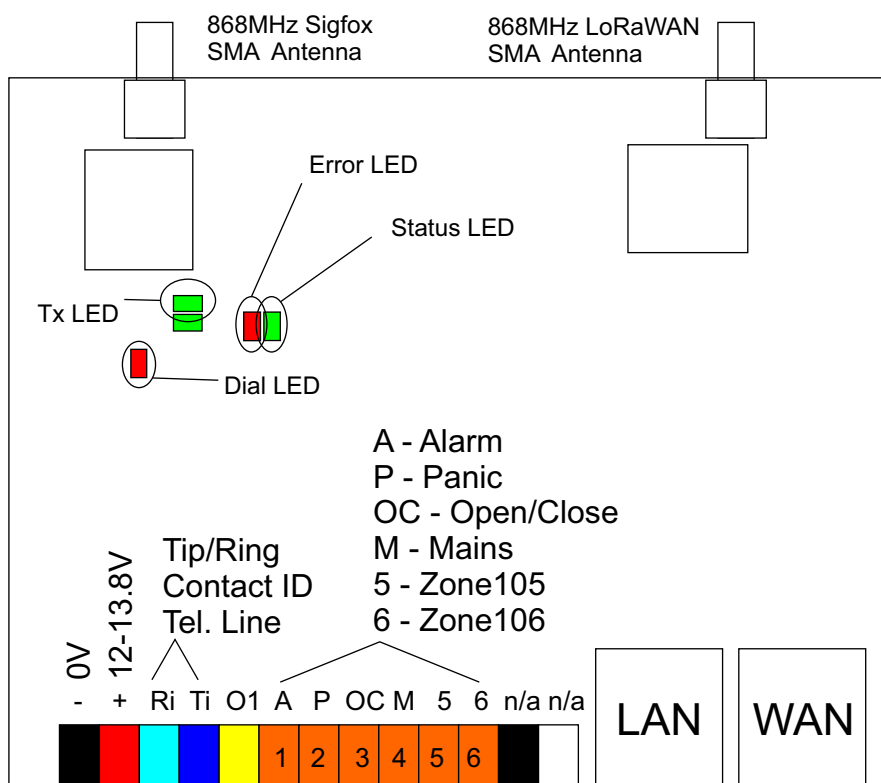
Receiving Compatible devices:
- MAMI GPRS base station
- MAMI Virtual Base station
- Mission Control Mobile App
- Mission Control Room

Versions:
Sigmo611S - Sigfox
Sigmo611L - LoRa/LoRaWAN
Sigmo611E - Ethernet

Relay output:
The relay output can be triggered through cloud callback via mobile APP and MissonControlRoom

868MHz Sigfox SMA Antenna

868MHz LoRaWAN SMA Antenna

Error LED

Status LED

Tx LED

Dial LED

A - Alarm
P - Panic
OC - Open/Close
M - Mains
5 - Zone105
6 - Zone106

Tip/Ring Contact ID Tel. Line

0V   12-13.8V

-   +   Ri Ti O1 A P OC M 5 6 n/a n/a   LAN   WAN

1 2 3 4 5 6

LED Indications

GREEN Status LED
Slow = Device Idle
Fast = Device waiting for panel to dial

RED Error LED
ON = Waiting for network Callback
Flashing = Incorrect ContactID checksum

GREEN TX LED
ON = Device Transmitting to Sigfox network

RED Dial LED
Flashing - Tone dialed on Telephone TIP/RING interface

M000190