

«Nord GSM Mini» technical specification

Purpose

Nord GSM Mini is a wired control panel with internal GSM-communicator which is intended for managing the security system in the house, apartment, shop, office. The panel monitors the security equipment status, provides its configuration and also transmits to the security company events from the site. Events about arming and disarming, changing the equipment settings, security alarms or the occurrence of faults.

Technical characteristics

Nord GSM Mini contents:

- internal GSM/GPRS-communicator to transmit information to the Alarm monitoring software via voice channel, SMS or GPRS;
- SIM-holder for two SIM-cards of different operators;
- 4 arm zones or 4 managed discrete exits with "open collector" type with opportunity of expansion up to 16 zones/exits;
- up to 32 independent partitions;
- up to 32 users;
- the ability to connect TM-card readers, temperature sensors and extenders on the 1-Wire interface;
- built-in keypad;
- the ability to manage executive devices and means of automation connected to the "open collector" exits;
- the ability to manage the device mode through the use of built-in keypad, Touch Memory keys or proximity card readers.

Technical data

Main power supply	AC source with voltage (10 ÷ 14) V
Backup power supply	Integrated lithium-ion battery, with dimension 18650, rated voltage 3.7 V
Max value of current impulse, consumed from the backup power supply, A	2,5
Current, consumed from the main power supply, mA, no more	1000
Max quantity wireless devices, supported by panel	31
Total number of universal enters/exits	2

Parameters power supply exit of wired sensors (terminals "S_PWR" and "S_GND") when working from the internal battery: - open-circuit voltage between terminals, V - maximum permissible load current, mA	10,2±0,2 150
Parameters of exits of type "open collector" for outer devices managing: - max commutated voltage, V - max commutated current, mA	40 250
Maximum permissible total resistance of two power supply wires of each zone per connection of one sensor with current consumption of 12 mA, Ohm	82
Wired zones final resistors resistance, kOhm	(2,20±0,11); (4,30±0,22)
Allowed temperatures range when working from the power adapter and battery, delivered with the device, °C	0...+50
Allowed temperatures range when working from the main power supply (with completely full or disconnected battery), °C	-20...+50
Type of jack for connection to PC	mini USB
Overall dimensions, mm, no more	150 x 96 x 32
Weight without battery, kg, no more	0,2

Delivery set

Name	Quantity
Nord GSM Mini panel	1 pc.
Battery with dimension 18650	1 pc.
Network adapter	1 pc.
Resistor 0,25 W - 2,2 kOhm ± 5%	8 pc.
Resistor 0,25 W - 4,3 kOhm ± 5%	8 pc.
Technical specification	1 pc.
Package	1 pc.