

“Nord GSM WRL”(110V) technical specification

Purpose

Nord GSM WRL is a hybrid 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.

Main technical characteristics

Nord GSM WRL 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;
- 8 signalization arming zones with the opportunity to expand up to 16 zones;
- the ability to connect up to 31 wireless devices;
- 7 managed discrete exits with "open collector" type;
- 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;
- terminals for wire keypads K16-LCD and K14-LED connection;
- exit for connection the piezoelectric siren with consumption current up to 200 mA
- jack for Ethernet-module connection;
- 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 wired and wireless keypads, Touch Memory keys, proximity card readers, wireless keyfobs.

Technical data

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| Main power supply | AC with allowable voltage 100÷120 V |
| Backup power supply | Lead-acid battery voltage (12.6±0.6) V |
| Current, consumed from the main power supply, mA, no more | 300 |
| Max current, consumed from the backup power supply, A | 1,5 |
| Rated current, consumed from the backup power supply by the device “Nord GSM WRL”, mA, no more | 70 / 80 |

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|---|--------------------------|
| Rated current, consumed from the backup power supply by the optional module "Adapter Ethernet", mA, no more | 60 |
| Parameters of sensor power supply exits ("PWR" and "SMOKE"): - voltage, V - max allowed total current, mA | 12 200 |
| Parameters of exits with "open collector" type for outer devices managing: - max commutated voltage, V - max commutated current, mA | 30 250 |
| The resistance of the final resistors wired zones, kOhm | (2,20±0,11); (4,30±0,22) |
| Max allowed total resistance of two wires of each zone, Ohm, no more | 330 |
| Allowed temperatures range when working from the main power supply (with completely full or disconnected battery), °C | -30...+50 |
| Jack type for connection to PC | mini USB |
| Overall dimensions, mm, no more | 188x200x62 |
| Weight without battery, kg, no more | 0,6 |

Delivery set

| Name | Quantity |
|--|----------|
| Nord GSM WRL | 1 pc. |
| Installation kit | 1 pc. |
| Fusible inset: fusible fast acting inset 6-7-1,0 A -250V | 1 pc. |
| Resistor: 0,25 W – 2,2 kOhm ±5% | 16 pcs. |
| Resistor 0,25 W – 4,3 kOhm ±5% | 16 pcs. |
| Technical specification | 1 pc. |
| Package | 1 pc. |