Sate1[®]

PERFECTA 32 LTE

The PERFECTA alarm control panels are designed to protect small and medium-sized premises such as apartments, single-family houses, segments in terraced houses, offices, small businesses etc. They provide protection as required by EN 50131 for Grade 2. The control panels are characterized by simple configuration as well as easy and intuitive operation using keypads. The alarm system functions can also be controlled remotely using the **PERFECTA CONTROL** application for mobile devices and keyfobs working in the 433 MHz frequency band (with the **INT-RX-S** module connected).

A cellular phone with support for LTE* data transmission is used in the PERFECTA 32 LTE model. It enables operation with a mobile application with PUSH notification capability, remote system configuration from the **PERFECTA Soft** program, event reporting (e.g. to a security agency monitoring station), voice messaging, SMS control and audio verification (listening in to sounds from protected premises). It supports dual nano–SIM cards to ensure uninterrupted communication: if communication with the first operator's network fails, the second card is automatically selected.



The control panel electronics board is provided with 8 hardwired zones and 4 hardwired outputs. Their number can be increased by connecting the INT–E zone expansion module and INT–O or INT–ORS output expansion module. This allows you to expand the system by adding more detectors, sirens and even actuators (to control the garage door, roller shutters, garden sprinklers).

The control panel enables the system to be divided into two partitions with a choice of three arming modes (day, night, full). Each zone can be assigned to one or both supervised areas.

The system can be configured in two ways: from a computer with PERFECTA Soft program installed (locally – connection via RS–232 (TTL) port, remotely – using data transmission over the cellular network*), as well as from the keypad, using key sequences in the service menu.

- compliance with EN 50131 Grade 2
- from 8 to 32 programmable hardwired zones:
 - configuration options: NO, NC, EOL, 2EOL/NO, 2EOL/NC
 - support for roller shutter and vibration detectors
- from 4 to 12 programmable hardwired outputs
- 2 power outputs on the mainboard
- built-in modules:
 - cell phone with 2 nano-SIM slots (SMS, reporting to monitoring station, mobile application, PUSH notifications)
 - voice (playback of voice messages for the telephone notification)
 - audio alarm verification (listening in)
- system division into 2 partitions:
 - 3 arming modes in each partition
 - option to assign a zone to two partitions
 - user-controlled or timer- controlled
- communication bus for connecting keypads (PRF–LCD), expansion modules (INT–E, INT–O, INT–ORS) and 433 MHz keyfob receiver expansion module (INT–RX–S)
- system control using:
 - PRF–LCD keypads (up to 4)
 - $\circ~$ **PERFECTA CONTROL** mobile application
 - $\circ\,$ keyfobs operating in the 433 MHz band (up to 15) connection of INT–RX–S module required
- firmware updates available
- passwords:
 - 15 user codes
 - 1 service code
- editable names (of users, partitions, zones, outputs and modules) for easy control and supervision of the system

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- 8 timers with exceptions setting capability
- memory of 3584 events
- automatic diagnostics of the system main components
- built-in switch-mode power supply:
 - over-current protection
 - battery deep discharge protection
 - battery charging current control
- programming control panel settings:
 - locally keypad or computer with PERFECTA Soft program installed, connected to the control panel RS 232 (TTL) port
 - remotely computer with PERFECTA Soft program installed, connecting to the control panel using data transmission over the cellular network*

*support for data transmission using the LTE/HSPA+/EDGE/GPRS technology – depending on the cellular network capabilities

Maximum number of programmable outputs12Supplying outputs2Communication buses1Keypadsdo.4Security grade according to EN 50131Grade 2Recommended transformer40 VAUsers15Current-carrying capacity of KPD output500mAn / 12V DCProgrammable wired outputs4Battery charging current500Power supply output voltage12Telephone numbers for notification8Power supply output voltage2Current-carrying capacity of KPD outputs100Telephone numbers for notification8Power supply output current2Current-carrying capacity of programmable high-current outputs100Current-carrying capacity of programmable high-current outputs100AUX output500Standy Jourent fraver form battery130Versity Output current outputs3684Power supply output current outputs160Standy outputs160Standy outputs160Standy outputs16Standy outputs16Standy outputs16Standy node current consumption16Maximu mumisty32:3%Standy node current consumption from the battery400Notage treshold (£10%)11Battery failure voltage (tro%)11Battery failure voltage treshold (£10%)11Battery failure voltage (tro%)10.5Environmental Liss according to ENS0130-510M	Output voltage range	10,5 V14 V DC
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