

GPRS-T2

GPRS/SMS monitoring module

The primary function of the GPRS-T2 module is to provide information on changing the zone status by means of event codes sent to the monitoring stations in the form of GPRS transmission or SMS messages. This functionality makes it possible to monitor the operation of various devices, including alarm control panels without a telephone dialer. Owing to its analog inputs, the module can be successfully used for automation applications. Additionally, the device offers the capability of zone status change notification by means of SMS messaging or CLIP service.

GPRS-T2 module features

- 5 inputs programmable as:
 - digital, NO type
 - digital, NC type
 - analog
- additional input for testing AC voltage presence
- monitoring the zone status in the form of event codes sent to two monitoring stations by using:
 - GPRS transmission
 - SMS messages
- automatic feature of SMS message substitution for GPRS transmission in case of any problems with the GPRS transmission
- coded transmission of events sent by using the GPRS technology
- notifying about zone change status by means of:
 - SMS messages
 - CLIP service
- periodical test transmissions to check the module availability:
 - to selected telephone numbers (using SMS message or CLIP service)
 - to monitoring stations
- capability of triggering additional test transmissions:
 - after identification of the calling party telephone number (CLIP service)
 - after receiving a command from the GPRS-Soft program
- pre-paid balance and time limit query function
- level indicator of signal received by the GSM telephone and indicator of problems related to GSM network login
- NO type relay output controlled:
 - locally – by means of inputs
 - remotely – by means of SMS messages
- OC type output for signaling a problem with GSM network login
- module configuration:
 - locally – through RS-232 port (TTL)
 - remotely – via GSM network (GPRS technology)
- automatic module restart
- supply voltage 12 V DC ($\pm 15\%$)



MODULE SPECIFICATIONS

GPRS-T2

Number of inputs	5
Supported monitoring format	Contact ID
Form of sending event codes	GPRS transmission, SMS message
Number of telephone numbers to be notified	4
Number of SMS notification messages	22
Periodical test transmissions	yes
Option to trigger additional test transmissions	yes
Number of OC type low-current outputs	1
Number of relay outputs	1
Supply voltage	12 V DC \pm 15%
Current consumption, stand-by	50 mA
Current consumption, maximum	180 mA
Current-carrying capacity, FT output	50 mA
Permissible relay switching capacity (resistive)	2 A / 30 V DC
Environmental class	II
Working temperature range	-10...+55 °C
Electronics board dimensions	80 x 57 mm
Weight	190 g

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