GSM module FireCom

EN54-21 compliant GSM communicator capable of full integration with fire alarm panels

Module features:

- Direct RS232/RS485 serial port for connection to supported fire control panels
- Conformity with EN54-21 standard for Fire detection and fire alarm systems. Alarm transmission and fault warning routing equipment.
- Transmission of full information about events
- On-board inputs pre-set to transmit fire alarm, fire supervisory or system trouble
- Monitoring of control panel's power supply
- Communication failure is sent to control panel's indicators
- Remote configuration, control and update from ARC
- Support for three alternative communication modes:
  - GPRS data channel for high-speed, reliable and low-cost communication
  - DTMF via GSM voice channel
- Dual path technology (backup IP address and/or communication channel)
- PING connection test every 30 to 1800 seconds
- Communication failure is sent to control panel's indicators
- Remote configuration, control and update from ARC
- SMS messages to users with information about events
- Configuration via USB
- Module can be factory locked to one security company
- 18-36 V power supply

Specifications

Inputs	4 inputs, 12V/1mA
Outputs	4, outputs, 24V/50mA
Serial Port	RS232/RS485
Communication	GPRS or DTMF via GSM
Communication via GPRS	TCP/IP or UDP/IP protocol
Message encoding	In Contact ID
Power supply voltage	DC 18-36V/0,6A Max
Backup power supply source	12V/7Ah
Backup power supply operation time	24h with battery
Backup power supply type	SLA battery
Backup power supply failure indication level	11,5V
Backup power supply full discharge level	9,5V
Backup power supply charging current	700mA Max
Communication frequency range	850/900/1800/1900 MHz
Operating temperature range	-10 to +50 ºC
Humidity (without condensation)	93% Max
Casing	Metal, 203 x 163 x 74 mm
Weight	0.8 kg (without battery)

Serial Port connection compatible with

UniPOS	IFS 7002, FS5100, FS5200

Communicator is compatible with any other manufacturer fire control panels when connected to panel's PGM outputs, just as the communicator G10F.

We are actively expanding the list of fire control panels compatible via Serial Port. Please contact us if you need certain panels to be included in the list!

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