

Advanced GSM Module 12/4/4

Event controlled alarm device for supervising of machines and other components



Applications

Supervising and telemetry of:

- Heating and air-conditioning systems
- Weather measurement stations
- Production and measurement process
- Processes in water and waste water applications
- Vending machines
- Buildings
- Wind power plants
- Elevators
- Many other applications possible



Basic informations

The Advanced GSM module is an alarm and telemetry system for the GSM networks. Switching contacts, analog measurements (e.g. temperatur), time and incoming SMS will be noted as an event. Based on such an event the module could react with different actions like sending SMS to up to 4 different numbers or switching one of the integrated relays contacts of the module

Technic uniques

- comfortable connection about screwing contacts
- no special software required
- summarize of events
- send messages parallel or as a cascade
- precise system time over SMS clock (patented)
- reports accumulator support if used
- analogous inputs with reporting function
- GSM modem integrated and utilizable as GSM modem

Needs

For work with the module you need:

- Power supply
- Activated SIM card (Prepaid or normal contract)
- Sensors and actors as needed

Technical data

GSM networks

- GSM 900, 1800 & 1900 Mhz

Programming the module

- Enter of application settings in masks at the PC
- Transfer of settings from the PC to the Module

Physical dimensions

- 200 x 80 x 110 mm (L x W x H) / 490 g

Temperature range

- -30 °C up to +60 °C / -22°F up to +140°F

In- & Outputs

- 12 digital inputs (pulled to ground)
- 4 analogous inputs 0/4 - 20 mA (0-1 V, 0-5 V, 0-10 V optional)
Input resistance: 500 Ohm
- 4 digital outputs (relay contacts 24 V, 1 A resilient)
- D-Sub 9pin (female), RS232
- MMCX (female) 50 Ohm for antenna

Power supply

- 10 - 15 V DC

Equipment

Content

- Manual
- MMCX antenna
- serial cable
- CD with Software

Optional accessories

More accessories

- Advanced Power supply 9 - 38 V DC
- Antenna adaptor (MMCX / FME)
- External antennas / pricelist
- Temperature sensor -40°C up to +50°C / 0°C up to 100°C