Versatile GSM communicator and controller

Code: GD-04K



The GD-04K versatile GSM communicator and controller allows you to remotely control various appliances and report statuses at the same time. It can be controlled remotely by means of a mobile phone with an SMS message or by ringing.

Product description:

It features 2 power outputs (250V/5A) for control. The outputs can be set as status or impulse outputs (impulse length 1s to 10h). When an output is controlled by ringing, a limitation on the number of control events can be assigned to each phone number (suitable e.g. for various paid entrances where a phone number should have a certain credit representing the number of entries).

It has 4 inputs which respond to grounding causing reports of the off/on type in the form of SMS and ringing. Up to 100 authorized numbers can be set for control and reporting.

The GD-04K can also be locally set via USB using setting software GD-Link 2.0 or remotely via settings website.

Backed-up operation in the case of a power supply failure (for up to 24 hours) is ensured through the connection of the GD-04A backup module (sold separately).

Technical information:

Power	10.5 ÷ 15 V DC
Consumption in standby	approx. 25 mA (+17 mA per relay)
Max. device consumption during GSM communication	200 mA
GSM module operation band E-GSM	850 / 900 / 1800 / 1900 MHz
GSM RF output power	2 W for GSM 850/900 1 W for GSM 1800 / 1900
Triggering of inputs A, B, C, D	connection to GND
X and Y outputs load:	
- resistive load	max. 2.5 A/250 V AC
- inductive (capacitive), bulb load	max. 0.5 A/250 V AC
Safety	EN 60950-1
EMC	EN 301489-7, EN 55022 and EN 61000-6-3
Radio emissions	ETSI EN 301511
Operational environment	II. Indoor general (-10 °C to +40 °C)

Dimensions (no antenna)	76 x 110 x 33 mm
GSM antenna connection	by SMA connector