GSM relay for 2G/4G networks   # GRL 4G

2G/4G GSM - VoLTE

2x relay for control

4x input for status sensing

Backup battery

Control via SMS messages

SMS with notification

Voice messages

GRL directly controls the slave GRL devices via SMS

The GRL 4G device is designed for remote control of 2 separate relays and sending warning SMS text messages. When calling the GRL device, the status of individual inputs and relays can be communicated via voice messages. The GRL 4G device can report a change of state using saved voice messages when the state of 4 inputs changes (input on/off).

Basic parameters:
- Dimension: 131 x 111 x 38.5 mm
- Power supply: 9 to 24 V DC, 500 mA
- Removable 2400 mAh backup battery
- GSM networks: 2G bands B3, B8; 4G bands B1, B3, B7, B8, B20, B28A
- Outputs: 2x changeover relay 1 A / 30VDC (60Vmax) (galvanically isolated)
- Inputs: 4x input 0/5 V, short-circuit activation

- After changing the input status, sending SMS text messages up to 7 numbers (PORTOPN1-7 and PORTCLS1-7) stored on the SIM card
- Calling up to 7 phone numbers (PORTCALL1-7) also stored on the SIM card.
- Separate SMS text message for each status of each input
- Separate voice messages for each status
- Using SMS text messages to determine the current status of relays, inputs, temperature and power supply of the device.
- Ringing can be used to control relay switching similarly as with the Alphatech GSM Door Intercom or the Alphatech GSM Key devices.

Monitor your devices remotely, and also control them remotely

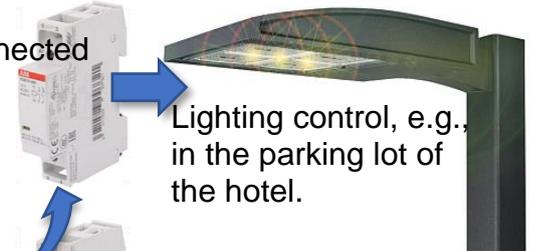# The use of GRL 4G is only up to your needs and imagination

Arrival gate with a record of
who opened when
opened by ringing

With contactor connected

Lighting control, e.g.,
in the parking lot of
the hotel.

Alerts on water level,
water temperature,
etc.

Heating in the cottage

Can't or don't want to connect the sensor and the
power part of the system with a cable? Miles apart
there can be GRL 4G devices with up to 7 other
GRL 4G devices slaved to them.

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