

# LCN-SMSBH

## SMS-modul for DIN rail mounted

### Functional Specifications:

#### Operating Programme:

- Controlling 2 Relais with SMS or phone call
- Allows you to administrate 10 users with individual rights
- Individual passwords for every user possible
- SMS counter with apprisement function
- Timer for relay outputs - 1 sec. up to 9999 hours.
- 4 binary inputs for SMS apprisement
- Individual Messages
- Debouncing times for inputs adjustable 1-99 sec..



### Description:

The LCN-SMSBH allows you to realize applications like remote or alarm control via SMS and phone number.

The module have got 4 alarm inputs and 2 relayoutputs for the DIN rail mounted.

Easy configuration software via USB.

### Field of application:

- Remote control via SMS: You send SMS from your Mobile phone to the SMSC42. That allows you to switch on or off your devices. After that, the device sends SMS to confirm the Switch Process. For example: heating installation in your holiday home
- Remote control via call number recognition: By calling the device, your mobile call number will be transferred to the LCN-SMSBH. Now it checks the number and switches on or off the Outputs. For example: door way, garage door.
- Remote alarm: If an operating state that you are controlling with the LCN-SMSBH changes, you will be informed per SMS about this situation. Example: An Alarm system.
- Remote requests: You can ask at any time the state of the relays and the inputs.

### Hardware:

- two relay outputs 10A/230V
- four potential-free inputs
- Display LEDs
- GSM antenna
- USB configuration cable
- Configurationssoftware

### Note:

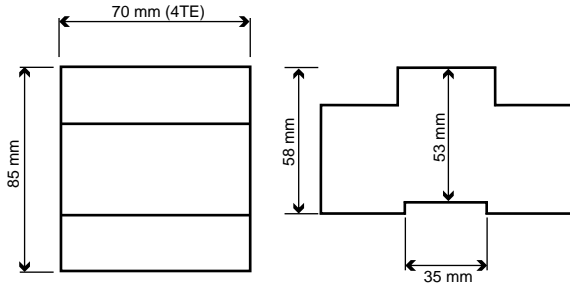
Extra power supply needed, for example the LCN-NH24.

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## SMS-modul for DIN rail mounted

**Dimensions:**

**Mass** (W x L x H): 70 mm x 85 mm x 58 mm



**Height:** 58 mm  
53 mm via DIN rail

**Space requirement:** 4TE

**Assembly:** Attached built-in device on 35 mm mounting rail (DIN 50022) or screw fixture

**Technical Data:**

**Connection:**  
Supply voltage: 12V - 30VDC  
Input power: 0.4W power consumption for SMS, 1,5W for Standby Modus

**Terminals:** Screwless  
**Cable type:** Single or multi-core max. 2.5mm<sup>2</sup>, or with insulated ferrules max.1.5mm<sup>2</sup>

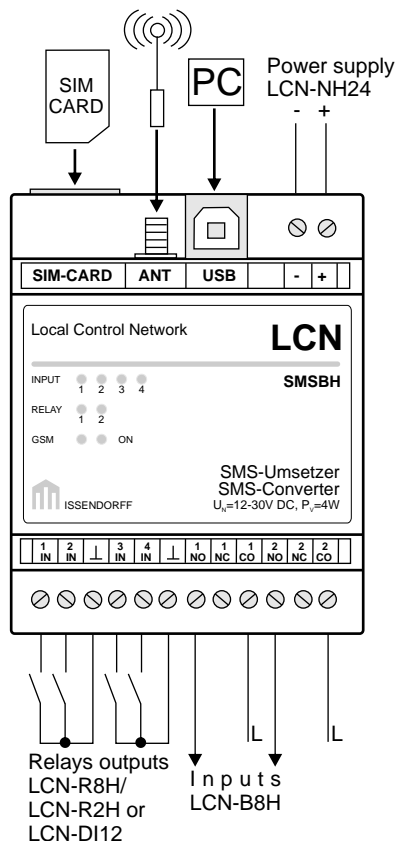
**Digital-Inputs:** For potential-free circuit, conductor length up to approximately 250m depending of environment conditions and external electrical influences.

**Relays outputs** One pole change-over switch. Breaking capacity links: 10A, 250VAC (ohm), 6ADC, 24VDC

**GSM-Part:** Quad-Band (900/1800 for EU or 850/1900 für USA)  
Certified in accordance with GSM Phase 2/2+  
**Output rating:** 2W/class 4 by EGSM 900  
1W/class 1 by EGSM 1800  
Antenna jack: FME (male)

**General Details:**  
Operating temperature: -10°C to +40°C  
Humidity: max. 80% rel., non condensing  
Environmental conditions: stationary installation according to VDE 632, VDE 637,  
Safety classification: IP 20

**Circuit Diagram**



**System requirements:**

**Processor:** min. PIII 500MHz \ AMD Athlon 500  
**Main memory:** min. 256 MB  
**Hard disk:** min. 30 MB  
**CD-Rom:** min. 4x  
**Resolution:** min. VGA min. 800 X 600 pixel  
**Operating System:** Windows 2000, XP or Vista  
**USB:** version 1.1