



EAN code  
GSM3-01M: 8595188132428

## Technical parameters

## GSM3-01M

### Communication

Communication interface:	system BUS EBM
GSM network (Quad-band):	850/900/1800/1900 MHz
Transmitter output power:	2 W for GSM 900, 1 W for GSM 1800
Number of supported calls:	8 incoming, 8 outgoing
Number of informative SMS:	32 incoming, 32 outgoing
Number of telephone numbers:	up to 512
LED indication - operation state/fault in BUS:	LED STATUS
Output for antenna:	SMA connector*

### Power supply

Supply voltage/tolerance:	27 V DC, -20/+10 %
Rated current:	250 mA (at 27 V DC)/max. 1 A
Supply voltage indication:	green LED Un

### Connection

Terminals:	max. 2.5 mm <sup>2</sup> /1.5 mm <sup>2</sup> with sleeve
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### Operating conditions

Operating temperature:	-20 to +55 °C
Storing temperature:	-30 to +70 °C
Protection degree:	IP20 devices, IP40 with cover in switchboard
Overvoltage category:	II.
Pollution degree:	2
Operation position:	any
Installation:	to DIN rail EN 60715
Design:	3-MODULE

### Dimensions and weight

Dimensions:	90 x 52 x 65 mm
Weight:	132 g

\* Max Tightening Torque for antenna connector is 0.56 Nm.

- It serves for communication with the iNELS system via commands sent in short SMS messages from mobile phone GSM.
- With the GSM3-01M and a smartphone, it is possible by SMS message or a call to control the iNELS system or obtain information on its status and current events.
- By means of the software iDM3, you can use up to 8 incoming calls, 8 outgoing calls, 32 incoming SMS messages and 32 outgoing SMS messages.
- For SMS messaging, the message length is limited to 32 characters, and for each message, you can set up to 8 telephone numbers. In total, it is possible in iDM3 to use up to 512 telephone numbers.
- One telephone number can be set for each incoming and outgoing call.
- The maximum length of an incoming call is around 30s, and then the GSM3-01M hangs up. The user can set the length of outgoing calls in the software iDM3.
- GSM3-01M can be used for informing users about any system status, e.g. in the event of a fault in some technology or building interference.
- Operating range is 850, 900 as well as 1800, 1900 MHz (quad-band).
- SIM card is inserted into the unit from the front panel.
- The MINI USB connector on the front panel is used for servicing, but configuration of telephone numbers, SMS messages and calls is done from the software iDM3.
- GSM3-01M connects to the central unit CU3-01M (02M) via the EBM system BUS (terminals EBM+ and EBM-).
- In case it involves the last unit on the system BUS EBM, it is necessary to terminate the wire with a resistor with rated resistance of 120 Ω. This part adapted to be inserted between terminals is included into central units packages and it is necessary to insert between terminals EBM+ and EBM-.
- The package includes an external magnetic antenna (cable 3m, 5dB gain), which is connected to the connector RSMA (F) on the front panel.
- GSM3-01M in 3-MODULE version is designed for mounting into a switchboard, on DIN rail EN60715.

## Connection

