



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 27V DC) / max. 1 A
Supply voltage indication:	green LED Un
Connection	
Terminals:	max. 2.5 mm ² /1.5 mm ² with sleeve
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:	128 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 eight 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 120Ω. 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 is 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

