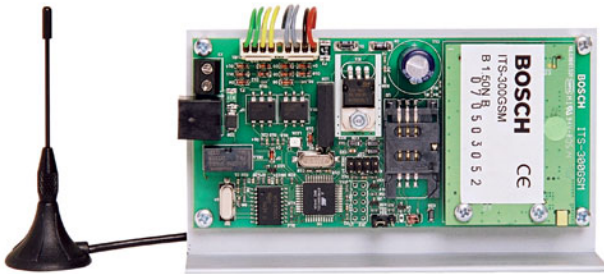




ITS-300GSM Communicator

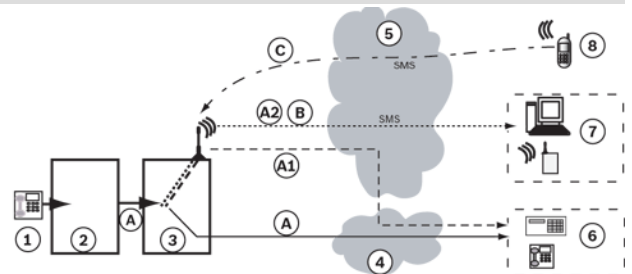


- ▶ Monitoring of the telephone line statically and dynamically
- ▶ Backup path transmission via the GSM network in case of fault with telephone line
- ▶ Calls from house phone via GSM network are possible
- ▶ Transmission of own events via GSM network
- ▶ Local programming and remote programming

The ITS-300GSM is used to automatically transmit control panel reports via the analog telephone network with backup transmission via the GSM network.

It is compatible with control panels from various manufacturers with integrated communicator for the analog telephone network.

System Overview



- (1) House phone
- (2) Control panel
- (3) ITS-300GSM
- (4) Analog telephone network
- (5) GSM mobile network
- (6) Telephone network receiver
- (7) SMS receiver
- (8) Cell phone
- (A) Outgoing calls and reports
- (A1) Transparent transmission
- (A2) SMS transmission
- (B) ITS-300GSM messages
- (C) Remote programming

Functions

Outgoing calls and reports are transmitted via the analog telephone network as standard. The ITS-300GSM monitors the telephone line statically and dynamically and switches to GSM transmission under certain conditions.

Static monitoring

The voltage of the telephone line is checked regularly. If the voltage is too low, the ITS-300GSM switches to GSM transmission and activates the fault relay. This allows the control panel to transmit the fault message via the GSM network if necessary.

Dynamic monitoring

Dynamic monitoring is activated during report transmission. The switch to GSM transmission occurs if manipulation of the telephone line is recognized or after three unsuccessful redial attempts from the control panel. After successful transmission, the ITS-300GSM reverts to the phone line.

Backup path transmission

Backup path transmission via the GSM network is carried out either transparently or as an SMS message. In the case of transparent transmission, sent tones are transmitted transparently in the voice channel to the phone number dialed by the control panel. For SMS transmission, the Contact ID report is sent to an SMS receiver in the form of an SMS message.

Calls from house phone

If the analog telephone network fails, calls from the house phone can be allowed or disallowed via the GSM network in accordance with the programming.

Transmission of own events

If necessary, the device can transmit test calls and fault/restore of phone line as an SMS message.

Programming

Programming is done with a cell phone via entries on the SIM card. In the case of transparent transmission, no programming is necessary for standard applications. Remote programming is possible with a cell phone via SMS messages.

Display

The device has an LED display for device status, GSM field strength and active GSM transmission.

Certifications and Approvals

Country	Approval	ITS-300GSM Communicator
Europe	CE	

Installation/Configuration Notes

There must be sufficient GSM field strength at the antenna location. The ITS-300GSM supports SIM cards with a deactivated or default PIN.

	Transparent transmis- sion	SMS transmission
SIM card needed	Voice card	Data card (SMS)
Formats supported	Audio, transmission for- mats of the control panel (Contact ID or DTMF- based formats recommended)	Contact ID
Alarm receiver	Standard receiver for telephone network (e.g. D6600)	Special SMS receiver

Parts Included

Type	Quantity	Component
ITS-300GSM	1	ITS-300GSM Module Mount bracket Antenna Pre-assembled cable Installation Guide

Technical Specifications

Phone line fault output	normally closed
Phone line fault limit value	3.5 V
Telephone network connection	RJ-11 socket or screw terminal
Supported GSM network	800/900/1800 MHz
Power supply	Connection to control panel battery
Current consumption	Standby: 30 mA; GSM transmission 350 mA
Voltage range	10-14 VDC
Dimensions	12.5 cm x 7 cm

Ordering Information

ITS-300GSM Communicator	ITS-300GSM
Enables backup transmission from a control panel's telephone dialer over the GSM network if telephone line transmission is not working. Transmits reports and audio. Compatible with control panels from different manufacturers.	

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