

INSYS GSM

Transfermode system	Design			
	DIN rail	Embedded module	Desktop device	MoRoS
3G/UMTS	●	●		●
2G/GSM	●	●		●
Ethernet	●	●		●
WLAN	●	●		
Bluetooth		●		
Modem	●	●	●	●
ISDN	●	●	●	●

Industrial Radio Communication

Mobile applications can be controlled over the GSM network. Measurements and alarms are transmitted from remote locations without fixed network access. The GSM adapter appears like a common modem to the application.

The INSYS GSM comprises the direct data communication, alarm and security functions: alarms with a user defined text – e.g. as an SMS – are triggered by digital inputs. Selective call answer allows only data calls from specified numbers.

The digital outputs can be controlled remotely by SMS, by DTMF (tone dial telephones) or over a data connection. They can be configured to display an alarm status as well.

The INSYS GSM is also available as a slim line design; the INSYS GSM compact.

Applications

- remote control and remote monitoring
- vending machines
- point of sale
- alarming
- metering
- building technology

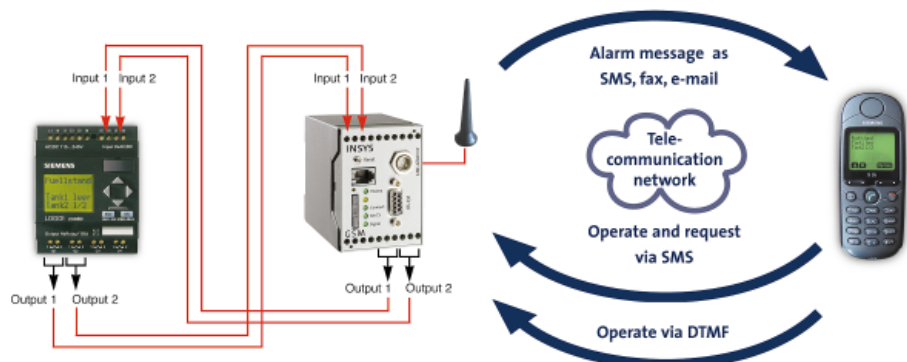


INSYS GSM



INSYS GSM compact

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INSYS GSM

Technical Data

network interface	GSM radio communication network 900/1.800 MHz (Dualband)
maximum data rate	GSM CSD up to 14.400 bps,
Features	
configuration	AT commands over serial line, remote configuration, configuration commands by SMS
connections	automatic registration after power loss, time scheduled check out and registration, data and voice connections, send/receive SMS, auto answer mode, hardware software handshake, idle connection control, number storage, alive and power-up SMS
alarm functions	triggered by alarm input or AT command (SMS only): send SMS, fax and email, establish data connection, transmit alarm text over data connection, establish voice connection
output control	AT command (local and remote), SMS, RING, loss of GSM network, DTMF
security functions	password protection for connection, security callback, remote control and SMS command; selective call answer
data format	7E1, 7O1, 7N1, 7N2, 8N1, 8E1, 8O1, 8N2
protocols	GSM CSD: up to 14.400 bps , non transparent mode (RLP), V.110, V.32 SMS according to TS21/22/23, voice according to TS11/12, Fax group 3 according to TS62, USSD
I/Os	2 digital inputs (10 alarm messages for each pull) 2 outputs (remotely switched)
PLC Monitoring	monitoring of compact PLC's: Siemens LOGO! TM or Moeller easy TM 500/600/800/MFD Alarming and control per SMS
Electrical Features	
supply voltage	10...60 VDC
applicaton interface	RS232, 9-pin SUB D plug
network interface	FME antenna plug male
Physical Features	
size (wxbxh)	55x110x75 mm or 88x90x58 mm (compact), mounting for DIN rail
environmental temperature	0...+55°C -20...+55°C (compact)
humidity	0...95% (non condensing)

*according to INSYS device type

Product name	Features	Order number
INSYS GSM	GSM modem	11-02-01-03-01.
INSYS GSM compact	compact design	11-02-01-03-04.
INSYS GSM LOGO!	connection to Siemens LOGO!	11-02-01-03-05.
INSYS GSM easy	connection to Moeller easy	11-02-01-03-06.
INSYS GSM compact LOGO!	compact design for con. to LOGO!	11-02-01-03-14.
INSYS GSM compact easy	compact design for con. to easy	11-02-01-03-15.

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