INSYS icom
Industrial Data Communication

DIN rail
INSYS Modem 56k small

Shape		Transmission technology						
		3G/HSPA	GSM/GPRS/EDGE	xDSL	Ethernet	WLAN	Analogue	ISDN
	DIN-rail serial	□	□	□	□	□	■	□
	DIN-rail network	□	□	□	□		□	□
	Desktop	□	□				□	□
	19´´ rack						□	□
	Embedded module	□	□	□	□	□	□	□

Remote maintenance via telephone line

The INSYS Modem 56k small is a very slim analogue modem
for industrial use and mounting on DIN rails.
On account of its narrow width of just 0.9 inches it can be
easily accommodated in the cabinets of systems, machines and
building services engineering. Via the serial interface (RS232 or
USB), the devices can be connected to all standard PLCs.
The INSYS Modem 56k small is suitable for international use.

Alarm messages can be dispatched by modem connection,
SMS or fax. With the user friendly configuration software HS-
Comm the configuration to the modem is very easy.

Features

■ Serial interface: RS232 or USB
■ Slim design
■ Text messages via AT command
■ Configuration software HSComm
■ For international use

Application

■ PLCs
■ Data logger
■ Remote control of machines and plants

INSYS Modem 56k small
INSYS Modem 56k small USB

| Machine | PLC | | Telephone network | Central Office |

	INSYS Modem 56k small	INSYS Modem 56k small USB
Network interface, Line requirements	Analogue phone network	
Transmission rate	up to 56 kbps	
Software update	Flash	
Cetifications	R&TTE, CTR21	
Application	international	
Regulations	Designed according to the applicable CE guidelines, manufactured according to ISO 900	
Features		
Configuration	Windows configuration software, AT commands, remote configuration	
Connection	Automatic call acceptance, hardware/software handshake, fixed speed setting, sleep mode, auto bauding, call number display	
Data form	10 and 11 bit: 7E1, 7O1, 7N2, 7E2, 7O2, 8N1, 8E1, 8O1, 8N2	
Protocol	V.90, V.34+, V.34, V.32bis, V.32, V.23, V.22bis, V.22, V.21, Bell Norm 103/212, Fax class 1/2	
Compression	MNP5, V.42bis, LAPM, MNP10, 10 EC, V.44	
Error correction	MNP 2/3/4 and V.42	
Security functions	Security callback, security callback to caller (with caller ID), password protection for data connection, selective call acceptance (with caller ID)	
Alarm function	SMS dispatch via AT command (also to fax / email)	
Electrical features		
Power suply	10 ... 32 V DC	
Power consumption	140 mA	
Application interface	RS232, 9-pole SUB-D-plug	USB 2,0 (plug typ B)
Network interface	RJ-12 (western)	
Physical features		
Size in mm	110 l x 23 w x 75 h	
Temperature range	0°C ... +55°C	
Humidity	0...95% (non condensing)	

Product description	Features	Order number
INSYS Modem 56k small INT	with RS232 interface	10000089
INSYS Modem 56k small INT USB	with USB interface	10000090