

Transfer mode system	Design			
	DIN rail	Embedded modul	Desktop device	MoRoS
Modem	●	○	○	○
ISDN	○	○	○	○
GSM	○	○	○	○
GPRS	○	○	○	○
WLAN	○	○	○	○
Ethernet	○	○	○	○
Bluetooth	○	○	○	○

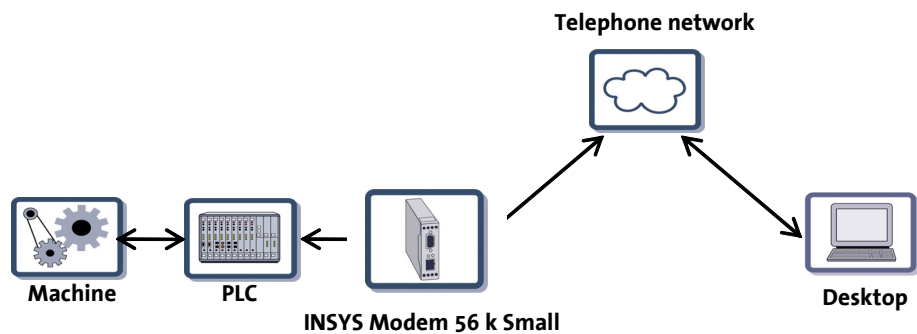
With its robust DIN rail housing the competitive INSYS Modem 56k small EU / INT is the professional data transmission device for industry. Because of the slim design it is the space-saving perfect communication solution for every control cabinet.

The user friendly parameterization software HSComm simplifies the configuration of the modem. The modem is addressed via a 9-pin SUB-D jack according to the RS232 standard. Once set up, you control your system or machine directly from your desktop. Works on site belong to the past.

Application fields:

- PLC
- data logger
- remote control of deployments and machines etc.

Application example:



INSYS Modem 56k small

- slim design
- RS232 Interface
- Dispatch of messages via AT command
- **INSYS Modem 56k small EU:** applicable in Europe
- **INSYS Modem 56k small INT:** Worldwide applicable (in up to 96 countries, s. manual)

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Technical Data

Network interface, line requirements	analogue telephone network, dial-up line
Data transmission rate	up to 56 kbps
Software update	flash (INT), patch (EU)
Approvals	R&TTE, CTR21
Country codes	INSYS Modem 56k small EU: applicable in Europe (TBR 21) INSYS Modem 56k small INT: worldwide compatible by the use of country codes
Standards	developed according to CE directives manufactured according to ISO9002
Features	
Configuration	INSYS Modem 56k small EU: AT commands via serial line INSYS Modem 56k small INT: AT commands via serial line, remote configuration
Connection	auto answer mode, hardware/software handshake, autobauding, fixed speed, sleep mode, number storage
Data format	10 and 11 bit: 7E1, 7O1, 7N2, 7E2, 7O2, 8N1, 8E1, 8O1, 8N2 and bit transparent
Protocols	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	MNP 5, V.42bis LAPM, MNP 10, 10 EC, V.44
Error correction	MNP 2/3/4 and V.42
Safety functions	INSYS Modem 56k small INT: Security Callback, Security Callback to Caller (with Caller ID), password protected data processing, selective call answer (with Caller ID)
Alarm functions	INSYS Modem 56k small INT : SMS transmission per AT commands (Fax/Email)
Electrical specifications	
Supply	10...32 VDC
Current consumption	140 mA
Application interface	RS232, D-Sub 9 pin
Network interface	RJ-12 Western plug
Physical specifications	
Size (w×l×h)	23×110×75 mm
Temperature range	0...+55 °C
Humidity	0...95% non condensing

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Product name	Features	Order number
INSYS Modem 56k small EU 2.0	CTR21	11-02-01-01-42.002
INSYS Modem 56k small INT 2.0	standard countries	11-02-01-01-43.003
INSYS Modem 56k small INT 2.0	extended countries	11-02-01-01-43.004