

DIN rail INSYS ISDN

| Shape | Transmission technology | | | | | | |
|------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| | 3G/HSPA | GSM/GPRS/EDGE | xDSL | Ethernet | WLAN | Analogue | ISDN |
| DIN-rail serial | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DIN-rail network | <input type="checkbox"/> |
| Desktop | <input type="checkbox"/> |
| 19" rack | <input type="checkbox"/> |
| Embedded module | <input type="checkbox"/> |



For remote access and remote maintenance applications

With the compact INSYS ISDN every application can easily be connected to the digital ISDN network. With its serial interface almost every PLC can use this ISDN adapter.

Beside the data communication the device offers alarm and security functions: alarm messages triggered by digital inputs send via SMS, fax and e-mail. The text message is defined freely.

Remote configuration is protected by password. Selective call answer allows only data calls from specified numbers.

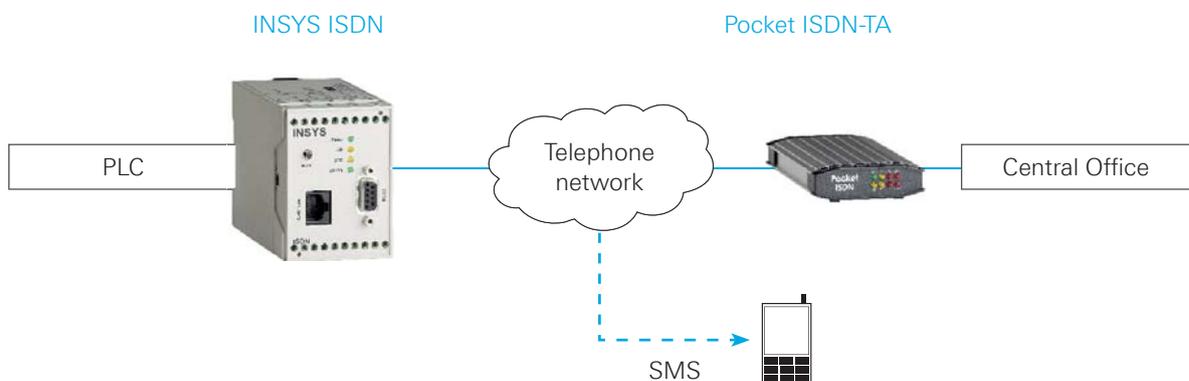
The digital outputs can be controlled remotely. They can be configured to display the connection status as well.

Features

- Serial access: RS232
- Control by AT commands
- Data rate up to 128.000 bps (B/D channel)
- ISDN B-/D- channel
- Alarming and security functions
- Digital inputs and outputs
- Supply voltage 10V DC to 60V DC C

Application

- Remote control and remote monitoring
- Alarming
- Building automation & control
- Vending machines / Point-of-sale (POS)
- Mobile data acquisition



Technical data

INSYS ISDN

| | |
|---|---|
| Network interface | ISDN network, DSS1 |
| Data transmission | up to 64.000 bps (with channel bundling up to 128.000 bps) |
| Digital IO's | 2 alarm inputs, 2 control outputs |
| Watchdog | Yes |
| Features | |
| Configuration | Configuration software HSComm, AT command, Configuration and Configuration software over serial interface, remote configuration |
| Connection | auto answer mode, hardware and software handshake, auto bauding, idle connection control, number storage |
| Alarm functions | triggered by alarm input or AT command: send SMS, establish data connection, transmit message over data connection |
| Output control | AT command, configurator, connection status |
| Security functions | Password protection for remote control, number identification (CLIP) for connection and security callback |
| Data form | 10 and 11 bit: 7E1, 7O1, 7N2, 7E2, 7O2, 8N1, 8E1, 8O1, 8N2 |
| Protocol, Error correction, Compression | B channel: X.75, X.25/X.31, HDLC/PPP, V.110, V.120 asynchronous D channel: X.31 |
| Power supply | |
| Power voltage | 10 ... 60 V DC |
| Power consumption | 40 mA |
| IOs | 2 potential free relays switch maximum voltage: 30V DC / 42 V AC maximum current: 1A DC / 0.5 A AC |
| Interface speed | 1.200 - 230.400 bps |
| Physical features | |
| Size in mm | 110 l x 55 w x 75 h |
| Temperature range | 0°C ... +70°C |
| Humidity | 0 ... 90% (non condensing) |

| Product description | Features | Order number |
|---------------------|----------|--------------|
| INSYS ISDN-TA | ISDN-TA | 10000091 |

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