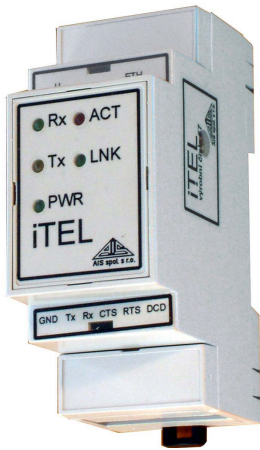| **Technical specification** Revize: 02	Autor: Ing. Vladimír Povolný	Date: 29. Jun 2005

Converter iTEL

Converter iTEL provides bi-directional conversion between communication interfaces RS-232/Ethernet. Parameters of communication interfaces can be configured by www pages of web server present in the converter. The device can be supplied with parameters already set according to the customer requests, in such case it is ready to work immediately after connection.
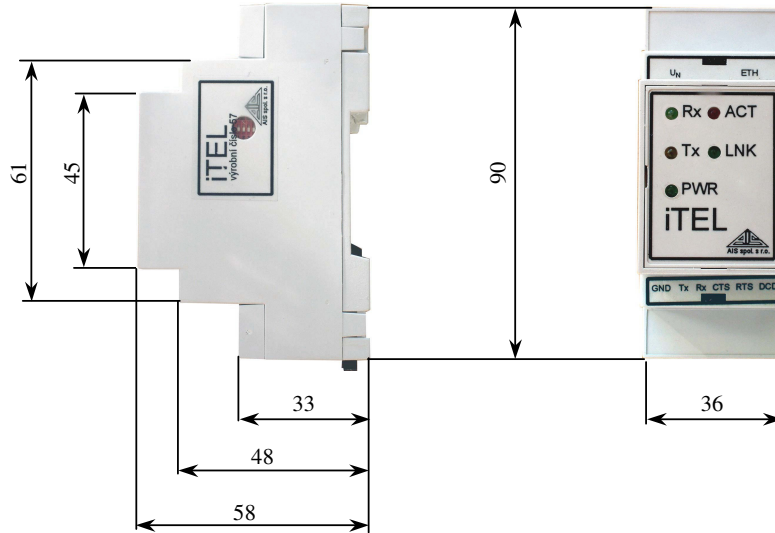
Technical parameters:

- dimension (l x w x h)   90 x 36 x 59 mm
- operating temperature   0 to 70 °C
- serial interface   RS232
- transfer rate   300 - 115200 bps
- network interface   10Base-T(Ethernet 10 Mbps
- protection   IP20

Power supply:

- supply voltage (terminals Un,Un)   24 V, DC ±10%
- voltage rating between supply terminals and communication interfaces   4 kV
- max. power   1 W

Assembly:

Converter can be mounted to DIN 35 rail.

Terminal covers can be removed by pressing the central tab.

Signalization LED diodes:

- Signal Rx (green)
- Signal Tx (yellow)
- Supply voltage indication PWR (green)
- Activity of network connection ACT (red)
- Ethernet connection LNK (red)

Communication interface RS232:

Signal	Terminal
GND	1
TxD	2
RxD	3
CTS	4
RTS	5
DCD	6

Ethernet interface: RJ45 type connector