

# TERMOREG

*firma pro automatizaci*

## INVERTER RS485 / RS232 WITH AUTOMATIC DIRECTION CHANGE

**USE:** The unit connects terminals with RS485 interface to control appliances with RS232 interface, e.g. PC, at the distance of up to 500m.

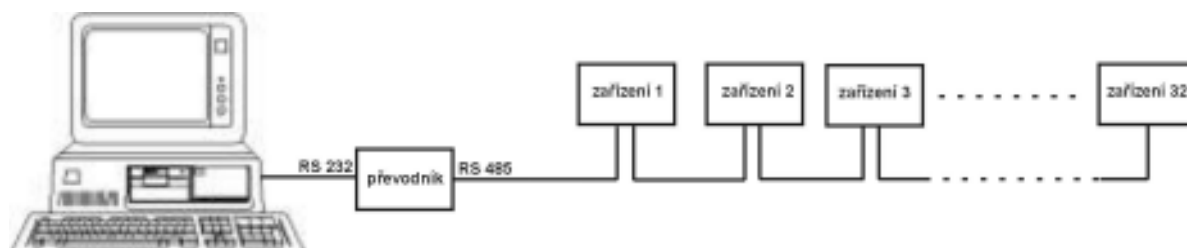
**DESIGN:** The electronic plate is mounted into the plastic holder with a clip for easy installation onto the DIN bar. Cables are connected by non-screwed WAGO clamps.

**DESCRIPTION:** The inverter provides conversion of the communication protocol RS232 to RS485 and RS485 to RS232. The direction switch is automatic, controlled by the inverter.

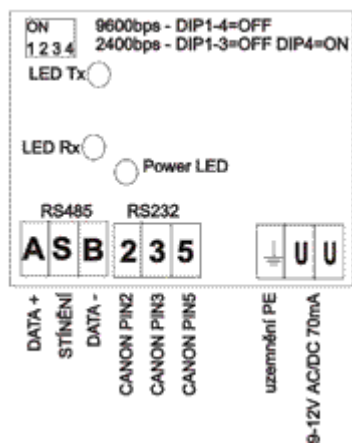
Max. connection length to RS232 is 15m. Up to 32 terminals can be connected to the inverter at the distance of up to 500m. In case there is a need to connect more terminals or increase the distance, a line repeater or multiplex switch need to be used. The inverter communicates in the standard speed of either 9600bps or 2400bps. Communication is signalized by two orange LEDs.

The inverter is powered by DC or AC voltage of 9-12V with take-off of 70mA, signalized by a green LED.

### CONNECTION PRINCIPLE:



## INVERTER CONNECTION AND SET



## TECHNICAL PARAMETERS

RS232 connection length .....	max. 15m
RS485 connection length .....	max. 500m
Communication speed .....	2400/9600bps
Power supply.....	9-12V AC/DC