

## Communication unit TCP/IP-RS485

The communication unit TCP/IP 10/100 Mbps is made for fast and simple integration of devices with a serial output to networks of the Ethernet type. It enables conversion from the RS 485 interface into TCP/IP and back.

The RS485 interface is led into the connector and for Ethernet access connector RJ45 (10/100BASE-T) is available. The conversion unit is powered by 15 V DC/1000mA network adapter. Power supply adapter is a part of the conversion unit package.



### Versions of the TCP/IP-RS485 communication unit

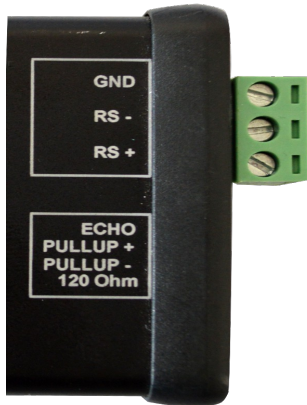
WIST5006

### Technical parameters

<b>Ethernet module</b>	WIZNET W7100A
<b>Protocol</b>	TCP, IP, UDP, ARP, ICMP, Ethernet MAC, Telnet TFTP, HTTP, SNMP
<b>Network interface – auto detection</b>	10/100 Base-T Ethernet
<b>Serial port</b>	RS485 - half duplex
<b>Transmitter control – RS 485</b>	TxD signal
<b>Supported signals</b>	N1TxD, RxD
<b>Data format</b>	8N1
<b>Data flow control</b>	None
<b>Transfer speed</b>	115kb/s
<b>Configuration</b>	Telnet login
<b>RS485 separation</b>	1kV
<b>RS485 connector</b>	SH – pull on
<b>Ethernet connector</b>	RJ45
<b>Supply connector</b>	Plug 1,3 mm
<b>Power supply</b>	9 – 50 DC, standardly supplied adapter 15V DC/1A
<b>Soft protection – power supply</b>	600W 10/1000us
<b>Optical indication</b>	Link activity
<b>Input power</b>	Max. 2 W
<b>Dimensions</b>	85 x 55 x 25 mm



<b>DIP switch signals</b>			
<b>DIP1</b>	<b>Receiver control RS 485</b>	<b>OFF</b>	Permanently on
<b>DIP2</b>	<b>Line hold - pull up</b>	<b>ON</b>	Integrated resistor pull up
<b>DIP3</b>	<b>Line hold - pull down</b>	<b>ON</b>	Integrated resistor pull down
<b>DIP4</b>	<b>Ending resistor</b>	<b>ON</b>	Integrated resistor 120 Ω



<b>Description of connectors</b>	
<b>GND</b>	Isolated zero potential
<b>RS-</b>	RS 485 – signal
<b>RS+</b>	RS 485 + signal

