

new



601400



601440

Micro SIM Card slot



601450



601432

Ethernet gateways

An Ethernet gateway converts data between different protocols ensuring consistent flow of information. **ETOR, WTOR** and **GTOR** gateways provide fast (up to 115Kbps) data transmission for serial devices.

- First class quality to fulfil all communication requirements with quick view of status via frontal LED's
- Bidirectional protocol converting with client and server mode
- Converting between Modbus TCP and Modbus RTU/ASCII
- Automatic or manual IP addressing and Ping blocking
- Line protection by galvanic isolation
- Compact modular (H) 90.4 x (W) 17.5 x (D) 66.5 mm (same dimensions as single pole MCB)

type	supply voltage	serial standard	connector type	No. Serial devices server	client	description
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ETOR Ethernet / Serial Gateway

- Converts between MODBUS and Ethernet protocols to permit user to control and monitor:
 - a) Serial devices in a plant over Internet or local area network in server mode
 - b) Devices which support Ethernet-based protocols, over the serial interface in client mode
- Mini USB port or WEB interface configuration
- Dual supply option: 18 - 50 VAC/DC or can be powered up through a mini USB cable

ETOR-4 Ethernet gateway (TCP/IP - RS485)

601400	18 - 50 VAC/DC	RS485	RJ45	64	1	Ethernet - Serial Gateway
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ETOR-2 Ethernet gateway (TCP/IP - RS232)

601401	18 - 50 VAC/DC	RS232	RJ45	1	1	Ethernet - Serial Gateway
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GTOR GPRS to RS485 Gateway

GTOR series products connect to serial MODBUS devices with TCP/IP based systems to remotely control and monitor devices via GPRS. **GTOR** can be easily integrated into existing MODBUS networks due to their wide range of configuration options. **GTOR** series products works as a TCP/IP server.

- Micro SIM Card slot
- Supports up to 64 devices
- APN configuration with Mini USB
- 8 facia LED's indicate: power, signal strength level, operating status

601440	11 - 30 VDC	RS485	Micro USB	32	1	GPRS - RS485 Gateway
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WTOR Wi-Fi to RS485 Gateway

WTOR series products connect to serial MODBUS devices with TCP/IP based systems to remotely control and monitor devices connected to the MODBUS network via a WI-FI service and can be easily integrated into existing MODBUS networks due to their wide range of configuration options. **WTOR** series products works as a TCP/IP server.

- RS485
- Point or station mode
- Operating with access
- Configuring via web interface

601450	11 - 30 VDC	RS485	RS485	64	1	WI-FI - RS485 Gateway
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UTOR Converters - USB to RS485, RS232 and TTL

UTOR is powered from the USB port without external power supply requirements, they incorporate an isolation barrier providing electrical isolation between the PC and serial devices.

- Removable terminal block with screw connection
- Baudrate: 300 ... 115200 bps
- Connector: USB type A

type	supply voltage	serial standard	USB	converter from	to	description
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601430	USB port	RS485	1.1 + 2.0	RS485	USB	USB/RS485 converter
601431	USB port	RS232	1.1 + 2.1	RS232	USB	USB/RS232 converter
601432	USB port	TTL(5V)	1.1 + 2.2	TTL(5V)	USB	USB/TTL (5V) converter
601433	USB port	TTL(3V)	1.1 + 2.3	TTL(3V)	USB	USB/TTL (3V) converter