

General Information on the TSX ETG 1010 module

At a Glance

The TSX ETG 1010 module includes the following features:

- 24V DC power supply
 - Ethernet 10/100 Base-T connection
 - Uni-Telway Slave (2 to 4 addresses used)
 - RS485 serial link for Uni-Telway communication
 - RS232 serial link for communication with an external modem or for configuration
 - 3 LED indicators
 - 8 MB of non-volatile Flash memory for backup of embedded software and website data
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Module Services

The following services are available:

- configuration via web pages, Ethernet or RS232 serial link,
 - IP module setup either by configuration or automatically:
 - BOOTP client,
 - DHCP client: automatic reconfiguration on replacement of module (FDR function),
 - secure access to default server without configuration, comprising:
 - module configuration pages,
 - diagnostic services,
 - SNMP V1 service management with MIB-II agent and private Ethernet Transparent Factory MIB,
 - UNI-TE/Modbus messaging on TCP/IP with a maximum of 64 simultaneous connections,
 - diagnostics via LED indicators,
 - management of mails triggered by variable value on Uni-Telway devices,
 - up to 16 Internet browsers can be connected simultaneously,
 - 8 MB of additional Flash memory reserved for the user application: the user can add custom pages or applets to the initial website,
 - FTP server for loading client pages.
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Summary of the Module Functions

At a Glance

Various functions are available.

TSX ETG 1010 module

The table below summarizes the functions of the TSX ETG 1010:

Function	Details
Messaging via Port 502 (TCP/IP UNI-TE or Modbus)	• A maximum of 64 simultaneous connections (Client + Server) • Access control via configuration table
Bootp client service	-
DHCP (FDR) client service	-
SNMP service	• SNMP with MIB-II agent and Ethernet Transparent Factory MIB
RS232 link for external modem	• 4800, 9600, 19200, 38400 and 57400 baud
UNI-TE link	• Configurable speed of 9600 to 19200 baud.
Email	• Up to 8 alarms scanned
Website	• Simultaneous connection of up to 16 Internet browsers • Non-modifiable website, factory-installed, with configuration and diagnostics pages • 8 MB reserved for custom website
