Product data sheet
Characteristics

TSXETZ410
EtherNet module, FactoryCast Gateway, serial link by modem, 2.4 to 4W, 50 to 200mA at 24VDC



⚠ End-of-Sale Notice

Commercial status
End-of-Sale Notice :

Main

Range of product	FactoryCast Gateway
Product or component type	Ethernet module
Kit composition	Gateway module User manual Web Designer software (CD-ROM)
Concept	Transparent Ready
Type of modem	Via satellite Via radio Via telephone line
Structure type	Heterogeneous industrial bus Ethernet conforming to IEEE 802.3
Topology	Star Ethernet Tree-structure Ethernet
Transmission rate	10/100 Mbit/s for Ethernet 56 kbit/s maximum for serial link by modem
Web services	Web pages defined by the user (8 MB available) Access function to the PLC data and variables Data Editor Communication diagnostics function Graphic objects editor PLC diagnostics system function RackViewer Maximum simultaneous connection of 8 standard browsers IP configuration for TSX ETZ 410/510 module via standard browser
Communication service	1 kB client/server requests for Uni-Telway 128 byte client/server requests for Uni-Telway 128 byte synchronous requests for Modbus Client/Server mode for Modbus Client/Server mode for Uni-Telway
[Us] rated supply voltage	24 V DC

Complementary

Communication port protocol	Serial link by modem Ethernet
Physical interface	RTC link RS232 for serial link by modem
Exchange mode	Half or full duplex serial link by modem Manchester-type baseband Ethernet
Transmission support medium	Double shielded twisted pair of type STP 10BASE-T ETHERNET Ethernet cable category 5 100BASE-T ETHERNET Shielded RS232 cable serial link by modem
Maximum number of connected devices	Ethernet: 64 star Serial link by modem: 2 star
Maximum cable distance between devices	100 M between terminal device and hubs by ETHERNET

Ethernet service	Inter-PLC communication in Uni-Telway or Modbus TCP/IP Diagnostics module Download of Uni-Telway PL7 applications Remote terminal Scanned inputs/outputs service performed Adjustment, debugging and modifications to the program
Supply voltage limits	19.2…30 V DC
Input overvoltage protection	34 V
Power dissipation in W	2.4…4 W
Electrical connection	1 connector mini DIN for terminal port (TER address) 1 connector RJ45 for Uni-Telway auxiliary port RS485 serial link 1 connector SUB-D 9 for RS232 serial link (Modem) 1 connector RJ45 Screw terminal block for connecting to the external power supply
Local signalling	1 LED for RUN 1 LED for ERR 1 LED for RX/TX
Current consumption	100 mA at 24 V DC 50...200 mA at 24 V DC
Mounting support	Mounting plate
Width	39.83 Mm
Height	151.5 Mm
Depth	116.7 Mm
Net weight	0.28 Kg

Environment

Immunity to microbreaks	1 Ms
Standards	UL 508 IEC 1000-4-2 level 3 IEC 1000-4-3 level 3 IEC 1000-4-4 level 3 IEC 1000-4-5 ANSI/IEEE Std 802.3 (4th edition 1993-07-08) ISO/IEC 8802-3 IEC 61131-2 CSA C22.2 IEC 68-2-27, EA tests EN/IEC 50082-1 IEC 1000-4-12 IEC 68-2-6, FC test
Product certifications	RINA[RETURN]GOST[RETURN]DNV[RETURN]LR[RETURN]RRS[RETURN]BV[RETURN]GL
Marking	CE
Ambient air temperature for operation	0…60 °C conforming to IEC 61131-2
Ambient air temperature for storage	-25…70 °C conforming to IEC 61131-2
Relative humidity	5…95 % without condensation for storage conforming to IEC 61131-2 10…95 % without condensation for operation
Operating altitude	2000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.5 Cm
Package 1 Width	18.0 Cm
Package 1 Length	26.0 Cm
Package 1 Weight	657.0 G

Offer Sustainability

Sustainable packaging	No

Contractual warranty

Warranty (in months)	18

Product Life Status :	Post commercialisation