Product datasheet
Characteristics

TSXETZ410
Ethernet module - 10/100 Mbps, 56 kbps - Transparent Ready - 24 V DC supply

Price* : 982.00 GBP

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

Complementary

Communication port protocol	Ethernet Serial link by modem
Physical interface	RTC link RS232 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Number of connected devices	64 Ethernet star 2 serial link by modem star
Cable distance between devices	100 m between terminal device and hubs by Ethernet
Ethernet service	Adjustment, debugging and modifications to the program Diagnostics module Download of Uni-Telway PL7 applications Inter-PLC communication in Uni-Telway or Modbus TCP/IP Remote terminal Scanned inputs/outputs service performed
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 1 connector RJ45 for Uni-Telway auxiliary port RS485 serial link 1 connector SUB-D 9 for RS232 serial link (Modem) Screw terminal block for connecting to the external power supply
Local signalling	1 LED RUN 1 LED ERR 1 LED RX/TX
Current consumption	100 mA 24 V DC 50...200 mA 24 V DC
Mounting support	Mounting plate
Width	39.83 mm
Height	151.5 mm
Depth	116.7 mm
Product weight	0.28 kg

Environment

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

Offer Sustainability

RoHS (date code: YYWW)	Will be compliant on 4Q2013 Will be compliant on 4Q2013

Contractual warranty

Warranty period	18 months