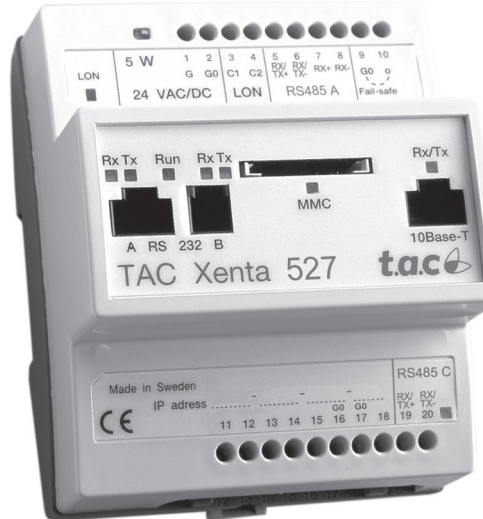




TAC Xenta[®] 527

Web Server for I/NET

19 Apr 2004



The TAC Xenta 527 is a cost-effective solution to monitor, control and dynamically view I/NET systems using a standard Web browser. The TAC Xenta 527 allows you to receive alarms and messages, acknowledge alarms,

perform basic point control, including DDC set points and modify I/NET time schedules and trends, all via a web-based graphical interface. Configuration is performed using the TAC XBuilder programming tool.

TECHNICAL DATA

Supply voltage 24 V AC $\pm 20\%$, 50/60 Hz
 or 19–40 V DC

Power consumption max 5 W

Transformer sizing 5 VA

Ambient temperature:

Storage $-20\text{ }^{\circ}\text{C}$ to $+50\text{ }^{\circ}\text{C}$ ($-4\text{ }^{\circ}\text{F}$ to $+122\text{ }^{\circ}\text{F}$)

Operation $\pm 0\text{ }^{\circ}\text{C}$ to $+50\text{ }^{\circ}\text{C}$ ($+32\text{ }^{\circ}\text{F}$ to $+122\text{ }^{\circ}\text{F}$)

Humidity max. 90% RH non-condensing

Mechanical:

Enclosure ABS/PC

Enclosure rating IP 20

Flammability class, materials UL 94 V-0

Dimensions see diagram

Weight 0,2 kg (0.44 lb.)

Real time clock:

Accuracy at $+25\text{ }^{\circ}\text{C}$ ± 12 minutes per year

Power failure protection 72 h

Communication:

A: RS232 2400 – 57 600 bps, RJ45, 8-p

A: RS485 not supported*

B: RS232 RJ10, 4-p

C: RS485 not supported*

LONWORKS TP/FT-10, terminal block

Ethernet TCP/IP, 10Base-T, RJ45

Agency Compliances:

Emission EN 50081-1

Immunity EN 61000-6-2

Safety

CE EN 61010-1

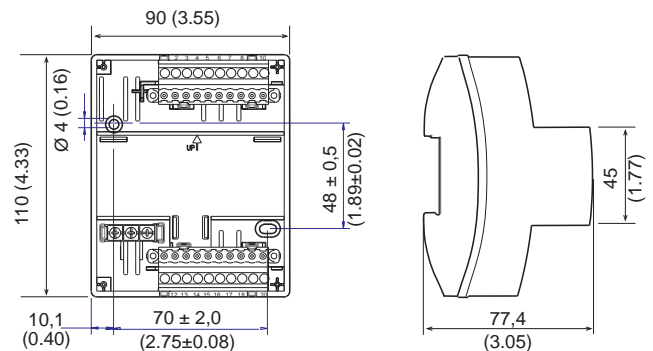
UL 916 C-UL US Listed

Part numbers:

TAC Xenta 527 0-073-0820

Terminal part TAC Xenta 400 0-073-0902

TAC Xenta: Programm. Serial Kit 0-073-0920



CONFIGURING

The TAC Xenta 527 is configured using the TAC XBuilder software. The network is imported into the TAC Xenta 527 project in the network view.

SECURITY

TAC Xenta 527 uses a secure interface for configuration with username and password logon.

WEB INTERFACE

TAC Xenta 527 uses a web interface to configure network, time, servers and ports among others.

INSTALLATION/CONNECTION

Modular jacks

RS232 A: Modem connection

Connection using hardware signals for modem communication, either as a DTE or a DCE.

RS232 B: PC ('Console') connection

Connection using basic signals, primarily intended for a PC at configuration.

10Base-T

Connection for a LAN (Ethernet) cable and commissioning.

MMC

Connection for a MultiMedia Card (extra memory card).

LEDs

A number of light-emitting diodes on the electronics part of the TAC Xenta 527 indicates that the application program is running and when communication is in progress.

“Reset button”

Shorting terminals 9 and 10 (“Fail-safe”) at restart will inhibit any program hang-up and bring the internal program to a fail-safe state.

Terminal connections

There is a label on the front of the module with both the numbers and the names of the terminals (1 G, 2 G0 and so on). The numbers are also shown in the plastic of the terminal part.

Term. no.	Term. name	Description
1	G	24 V AC (or DC+)
2	G0	Ground
3	C1	} LONWORKS TP/FT-10
4	C2	
5	RX/TX+	RS485 A*
6	RX/TX-	"
7	RX+	"
8	RX-	"
9	G0	
10	Fail-safe	
-		
-		
19	RX/TX+	RS485 C (SDLC)*
20	RX/TX-	RS485 C (SDLC)*

*Not supported

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