TAC Xenta™
420A/450A Series I/O Modules

- • Universal inputs provide installation flexibility

- • Designed for open standard LᴏɴWᴏʀᴋꜱ systems

- • Perfect for distributed installations

- • Manual override switches provide local bypass operation

- • Cost-effective installation and maintenance using separate terminal base and plug-in electronic units

- • Individually configurable using the TAC Menta™ programming tool

TAC Xenta 421A/422A and 451A/452A extend the existing series of I/O modules by offering 100% universal inputs. They are designed to be used with the TAC Xenta 300 and TAC Xenta 401 programmable controllers.

COST EFFECTIVE
These new products can result in cost savings of up to 50% based on the specific installation configuration. Incorporating 100% universal inputs means that fewer modules may be required. However, actual savings depends on the TAC Xenta system configuration.

The two piece terminal base and plug-in electronics reduces ongoing maintenance and repair costs permitting electronic unit servicing without affecting terminal connections. Built-in service pin provides unique network identification.

UNIQUE MODULE FEATURES
TAC Xenta 421A/422A modules feature:
- • 4 universal inputs
- • 5 digital outputs
- • TAC Xenta 422A incorporates 4 LED indicators; one for each universal input when used as digital input and 5 OFF-AUTO-ON override switches to support digital outputs.

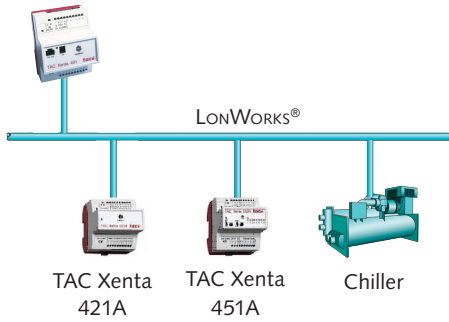**TAC Xenta 451A/452A modules feature:**
- • 8 universal inputs
- • 2 analog outputs
- • TAC Xenta 452A has 8 LED indicators; one for each universal input when used as digital input and 2 AUTO-MAN override switches and potentiometers for the analog outputs Power supply for one transmitter, 24 VDC/25 mA.

EXTENDED USAGE
These new modules support universal inputs and provide either digital or analog outputs depending on the module type chosen. They can be used as normal TAC Xenta I/O modules or as certified Lᴏɴ Mᴀʀᴋ® devices.

These new modules incorporate the LON Standard Network Variable Type (SNVT) interface meaning that they can be used with many third-party Lᴏɴ Mᴀʀᴋ devices as part of true open Lᴏɴ Wᴏʀᴋꜱ® network.

TAC Xenta 400

LonWorks®

TAC Xenta 421A   TAC Xenta 451A   Chiller

BACKWARD COMPATIBLE

These modules can be installed in systems with earlier versions of the TAC Xenta 300/400 controllers and I/O modules. The TAC Xenta 420A/450A modules are subject to the same installation limitations as their predecessors. Installing these new modules in an existing system causes the new module to automatically detect the installation environment. This means the new module functions the same as its predecessor without any special configuration. This permits you to upgrade your system in a more scheduled manner by upgrading products over time.

COMMON MODULE FEATURES

- Module status can be monitored using the TAC Xenta Operator Panel when connected to any TAC Xenta controller operating in the same network
- A large number of TAC sensors can be connected
- Status indicators can be set to either red or green depending on installation requirements via TAC Menta
- Status indicators can be individually controlled
- Any universal input can act as a pulse counter
- SNVT interface permits accessing all inputs and outputs

a company of
Schneider Electric

LonMark
Sponsor

www.tac.com

t.a.c ®