TAC Xenta 451A and 452A Universal Input and Analog Output Module

TAC Xenta 451A and 452A are Universal Input/Analog Output modules in the TAC Xenta family. They can be used as normal Xenta I/O modules or as certified LonMark® devices.

Both modules have eight universal inputs and two analog outputs. The universal inputs can be used as digital, thermistor, current, or voltage inputs. In addition, the TAC Xenta 452A is equipped with LED status indicators - one for each universal input when used for digital inputs. There is also a manual override for the analog output values. The LED colors, red or green, can be selected individually by altering the parameter settings in the TAC Menta® graphical tool.

FUNCTIONAL FEATURES

- Universal inputs provide installation Flexibility
- Designed for TAC Vista and open standard LonWorks 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

SPECIFICATIONS

Operating voltage:	24 V AC/DC ±20%, 50/60 Hz or 21.6-40 V DC
Power consumption:	max. 3 W
Dimensions incl. base	90 x 110 x 77mm (3.5" x 4.3" x 3")
Protocol:	FTT-10, LonTalk®
Transmission rate:.	78 kbits/s
Ambient temperature	
Operation:	0 to +50°C (32 to 122°F)
Universal inputs	
Quantity:	8
Duration of counting pulse:	
(replace "As digital input")	min. 80 ms
Indication:	Status LEDs, red or green adjustable via TAC Menta or manually (TAC Xenta 452A)
As Thermistor input:	NTC, 1800 ohm or 10kohm at 25°C (77°F)
As Voltage input:	0 – 10 V DC
As current input:	0 (4) - 20 mA
Analog outputs	
Quantity:	2
Output signal:	0 – 10 V DC
Manual switch:	MAN, AUTO and Pot. 0 – 10 V (TAC Xenta 452A)

For further specifications, see technical data sheet.

DESCRIPTION

0-073-0285-0 TAC Xenta 451A without LEDs, without manual switches
0-073-0286-0 TAC Xenta 452A with LEDs, with manual switches
0-073-0902 TAC Xenta 400 terminal part