

OVERVIEW

The Link-To TSTAT card allows up to 32 intelligent TSTAT thermostats to be remotely monitored and programmed for full control of conventional and heat pump units. Program heating and cooling levels, day/night, occupied and unoccupied setback set points either locally at the master relay panel or remotely from a PC via dial-up, internet or intranet. Lighting and HVAC thermostat features maybe temporarily overridden with a Chelsea *DigitalSwitch* to give occupants greater control over the space.

TSTAT thermostats are emulated on the bus by a relay panel at LCP32. When the relay is ON, the program is in the Day/Occupied mode. When OFF the thermostat is in set level Night/Unoccupied mode. Thermostats are manufactured by XCI Corp*.

FEATURES

- Remote control and status of up to 32 thermostats via the T-Link control card
- Fan selector for continuous fan operation
- Built-in, short-cycle protection
- No battery required for power outage
- Built-in LED indicators
- Automatic changeover from heat-to-cool and cool-to-heat
- Remote indoor and outdoor sensors available
- Adjustment of local keypad range control

Warranty

Three-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

AcuityControls™

LC&D™

**GR 2400™
Link-To T-STAT
and T-STAT**



ORDERING INFORMATION

LINK-TO™ TSTAT			
System and Type	Link-To Type	Mounting and Enclosure Type	
GR2400 L2	TSTAT TSTAT (Thermostat)	SM NE1	Surface mount, NEMA 1
		FM NE1	Flush mount, NEMA 1
		SM NE4	Surface mount NEMA 4
		SM RETRO	Retrofit enclosure
TSTAT			
Thermostat	Link-To Type		
TSTAT	MST Multi-stage thermostat		
	HPT Heat pump thermostat		
	RIS Remote indoor sensor		
	RDS Remote duct sensor		

SPECIFICATIONS

Enclosure dimensions:	6" w x 6" h x 4" d
Card dimensions:	3.65" w x 2.75" h
Enclosure type:	Surface mount NEMA 1
Optional enclosures:	Surface mount NEMA 4 and RETRO Flush mount NEMA 1
Max thermostats	
per T-Link:	32
Power supply:	Accepts 12VDC from GR 2400 bus
Programming:	Via DTC or with GX2 lighting control software

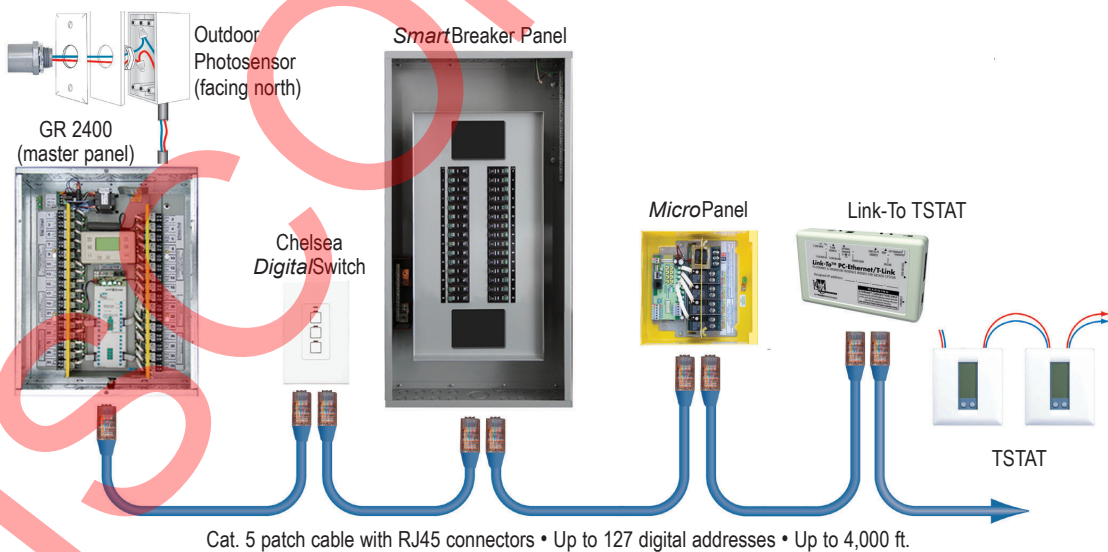
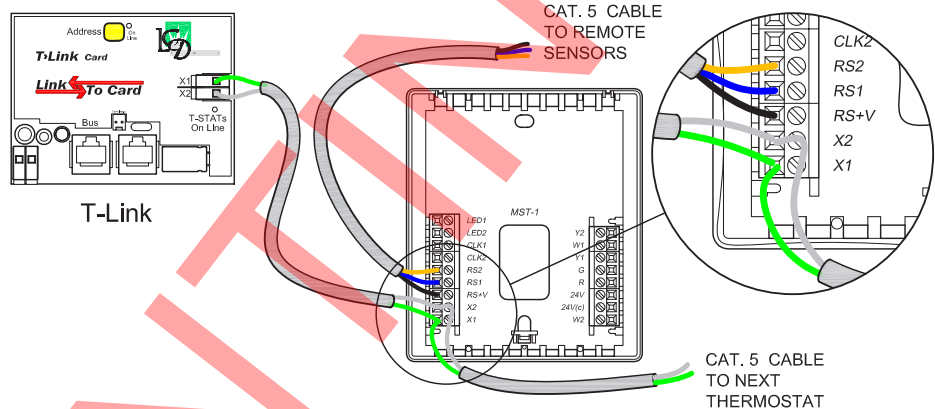
Max. humidity:	10% – 90% non-condensing
Ambient temperature:	32–104° F (0–40° C)
Thermostat dimensions:	4" w x 4.5" h x .875" d
Addresses:	(1) per 8 T-STAT controlled
Control range:	Heating: 38–88° F (3–31° C) Cooling: 60–108° F (16–42° C)
Measurement range:	28–124° F (–2–51° C)
Control accuracy:	+/- 1° F (.55° C) @ 68° F (20° C)
Minimum deadband:	2° F (1.11° C) between heating/cooling

OVERVIEW

The Link-To TSTAT card is the interface from the GR 2400 system to the XCI Digital Thermostats (TSTAT). One Link-To TSTAT will interface with up to 32 digital TSTATs.

Connect X1 and X2 inputs/outputs in parallel in all thermostats and to the Link-To TSTAT card.

Each TSTAT has outputs for auxiliary external sensors, ideal for measuring outside temp, duct temp or for mounting the TSTAT in a secure location with remote sensors.



Title 24 System Component