

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 |

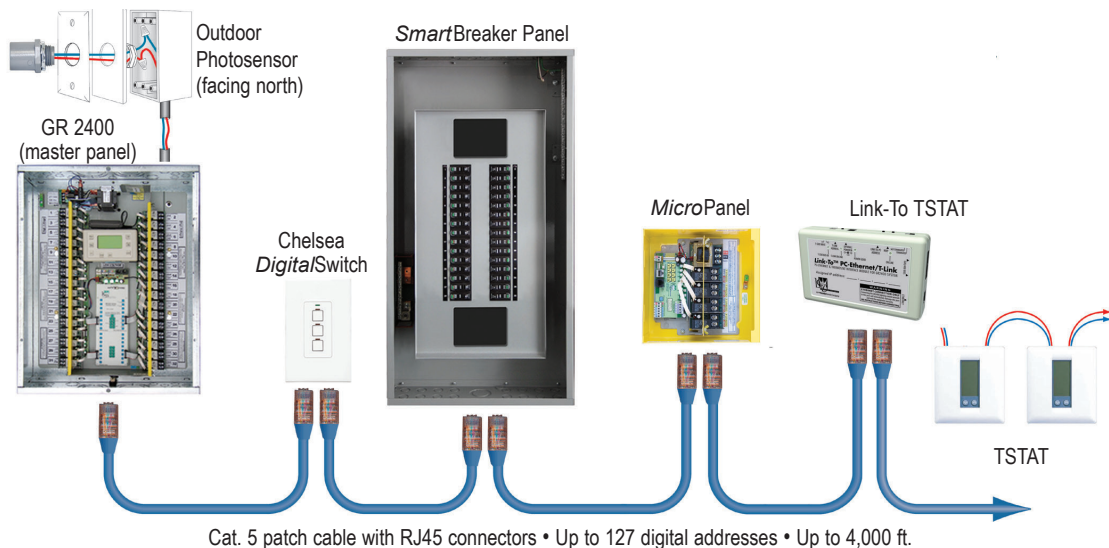
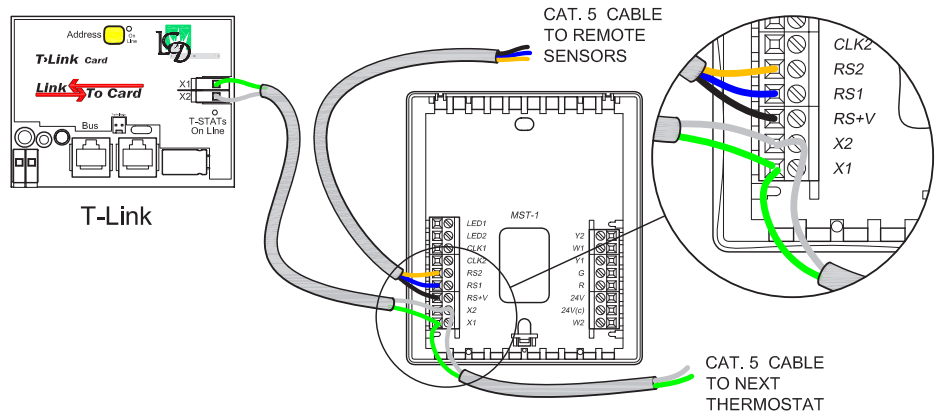
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|------------------------|--|
| Max. humidity: | 10% – 90% non-condensing |
| Ambient temperature: | 32–104° F (0–40° C) |
| Thermostat dimensions: | 4" w x 4.5" h x .875" d |
| Addresses: | (1) per 8 T-STAT controlled |
| Control range: | Heating: 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