tekmar® Submittal
tekmarNet® 4 Gateway 482
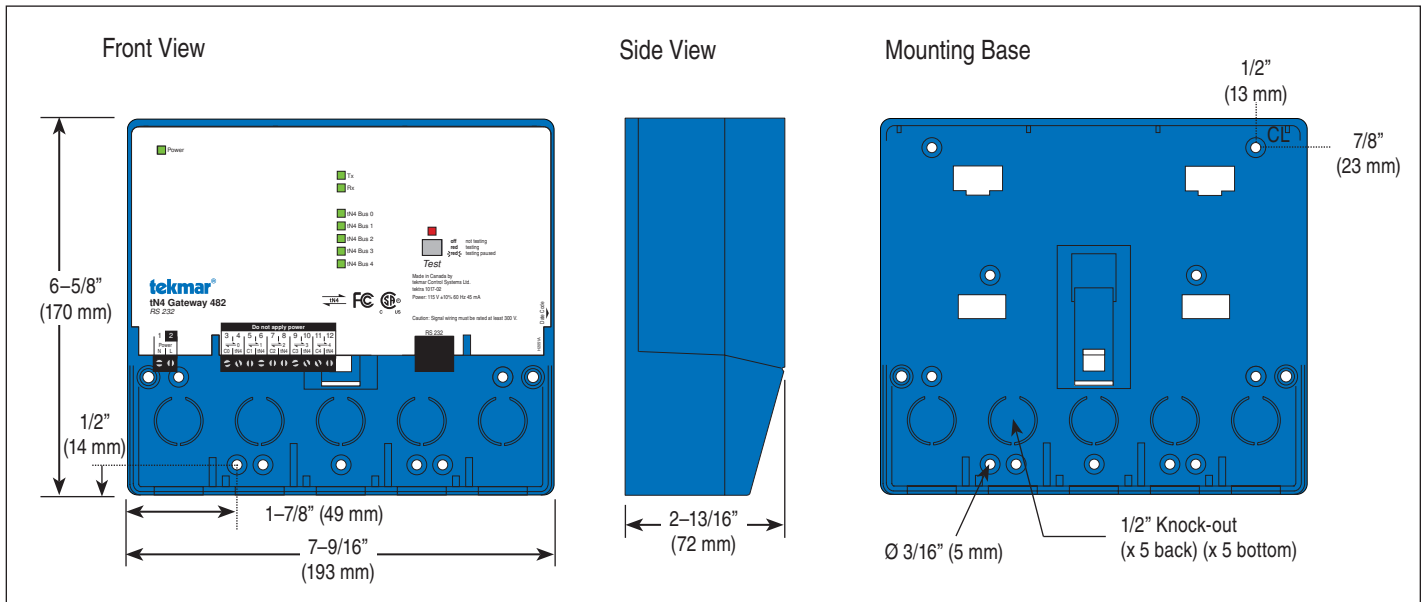
Job _____   Designer _____   Contact _____

The tekmarNet® 4 Gateway 482 provides RS 232 serial communication between tekmarNet® thermostats and third party home automation systems. The third party automation system is able to monitor and adjust any of the thermostat's heating, cooling, and ventilation fan settings. Through the use of third party device drivers written for this product, tekmarNet® systems are fully integrated into home automation systems.

Front View

Side View

Mounting Base

Specifications

tN4 Gateway 482 *RS 232*	
Literature	D482
Control	Microprocessor PID control. This is not a safety (limit) control
Packaged weight	3.6 lb (1600 g)
Dimensions	6-5/8" H x 7-9/16" W x 2-13/16" D (170 x 193 x 72 mm)
Enclosure	Enclosure A, blue PVC plastic, NEMA type 1
Approvals	CSA C US, meets ICES & FCC regulations for EMI / RFI
Ambient conditions	Indoor use only, 32 to 122°F (0 to 50°C), 9842 feet (3000 m) maximum altitude
Power supply	115 V ± 10%, 60 Hz, 45 mA
Warranty	Limited 3 year (see D482 for full warranty)

Features

- tekmarNet® 4 and tekmarNet® 2 compatible
- CSA C US approved for US and Canada
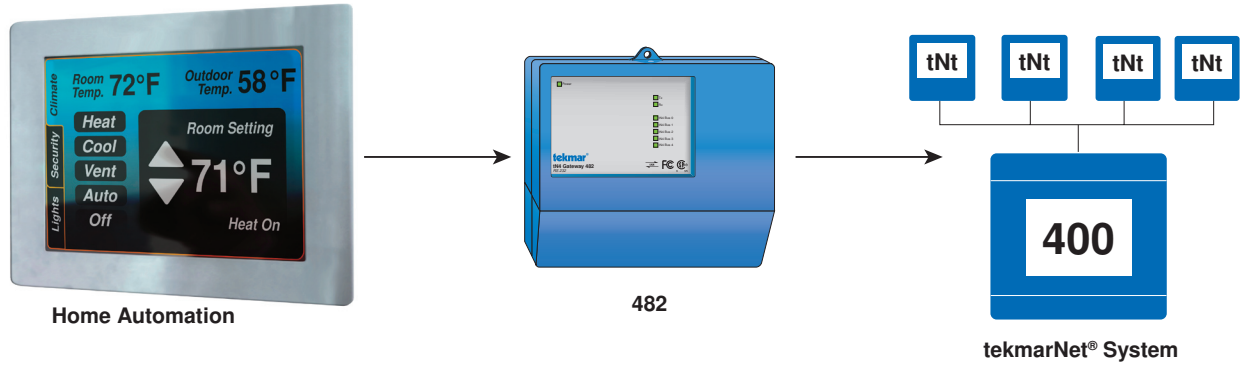- Drivers available for leading home automation systems

SPECIAL REQUIREMENTS

Requires a device driver installed on the third party home automation hardware to allow communication. Many third parties have this driver available. Please consult www.tekmarcontrols.com for compatible systems.
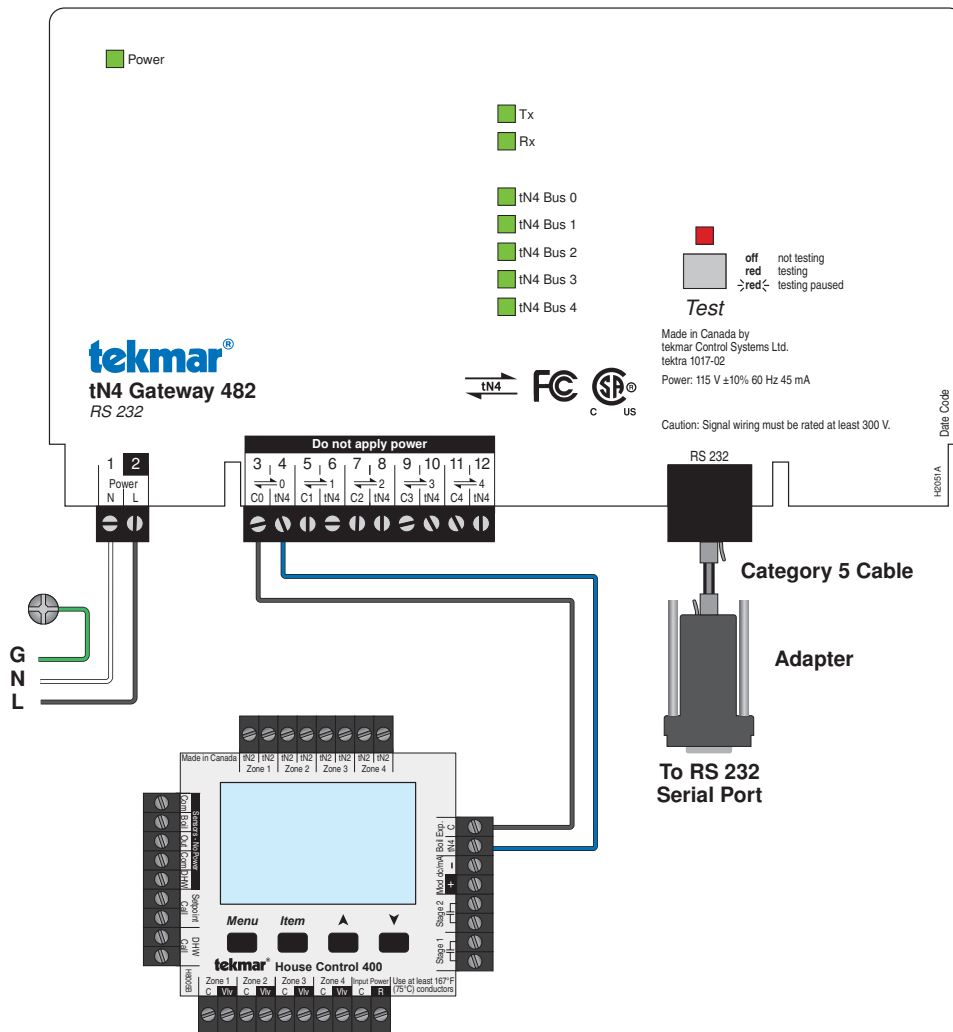
Sample Application Drawing

Below is a sample application drawing for this product. This application may include other tekmar products that are required for installation. More sample applications can be found at www.tekmarcontrols.com.

Sample Mechanical diagram

Home Automation

482

tekmarNet® System

Sample Electrical diagram