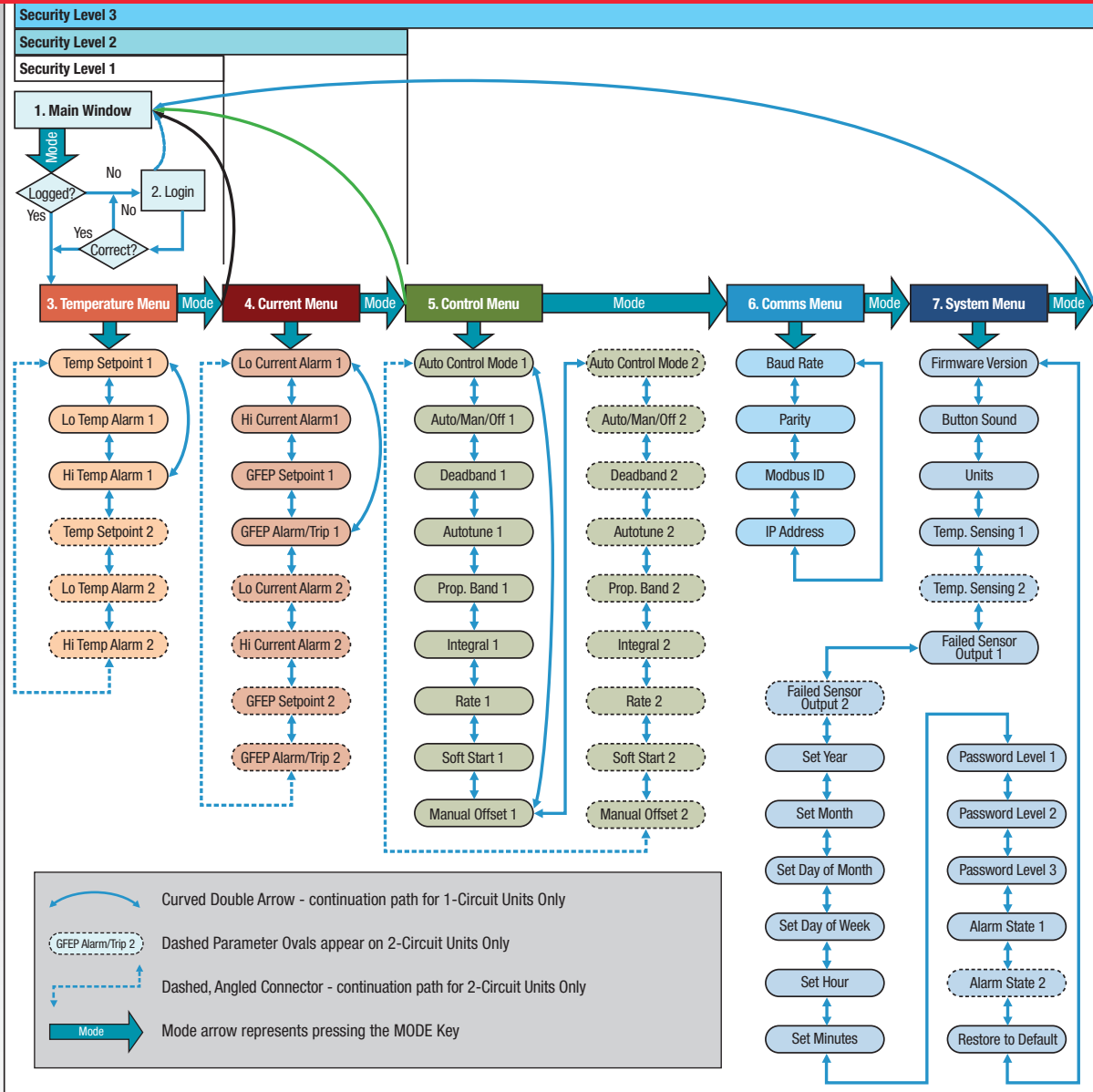


ITC1 & ITC2 QUICK START GUIDE

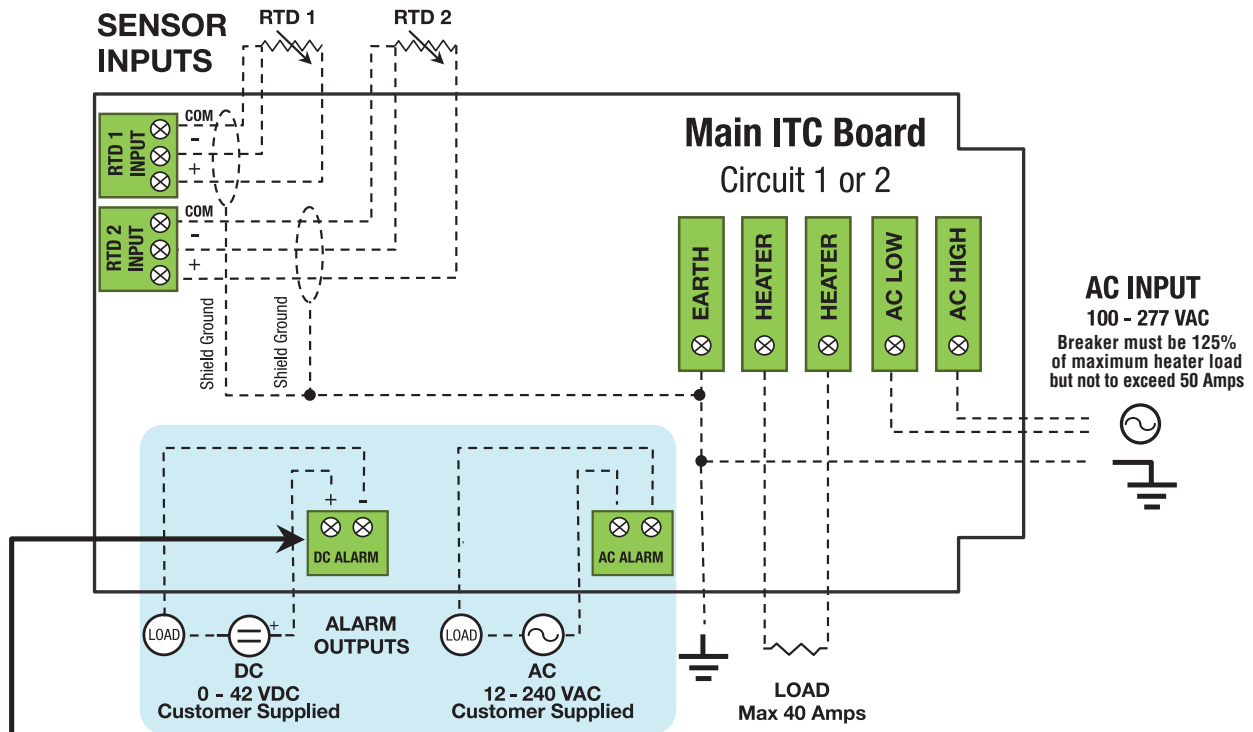


Screen Menu & Parameter	User Settings
3. Temperature Menu	
Temp Setpoint 1	
Lo Temp Alarm 1	
Hi Temp Alarm 1	
Temp Setpoint 2	
Lo Temp Alarm 2	
Hi Temp Alarm 2	
4. Current Menu	
Lo Current Alarm 1	
Hi Current Alarm 1	
GFEP Setpoint 1	
GFEP Alarm/Trip 1	
Lo Current Alarm 2	
Hi Current Alarm 2	
GFEP Setpoint 2	
GFEP Alarm/Trip 2	
5. Control Menu	
Auto Control Mode 1	
Auto/Manual/Off 1	
Deadband 1	
Autotune 1	
Proportional Band 1	
Integral 1	
Rate 1	
Soft Start 1	
Manual Offset 1	
Auto Control Mode 2	
Auto/Manual/Off 2	
Deadband 2	
Autotune 2	
Proportional Band 2	
Integral 2	
Rate 2	
Soft Start 2	
Manual Offset 2	

Screen Menu & Parameter	User Settings
6. Comms Menu	
Baud Rate	
Parity	
Modbus ID	
IP Address	
7. System Menu	
Firmware Version	
Button Sound	
Units	
Temperature Sensing 1	
Temperature Sensing 2	
Failed Sensor Output 1	
Failed Sensor Output 2	
Set Year	
Set Month	
Set Day of the Month	
Set Day of the Week	
Set Hour	
Set Minutes	
Password Level 1	
Password Level 2	
Password Level 3	
Alarm State 1	
Alarm State 2	
Restore to Default	

This Quick Start Guide is intended to be used by qualified technicians who understand the dangers of electricity and the operation of this product. It provides the installer or user with minimal information for installation, startup, or programming adjustments. Please refer to the ITC Installation & Operational Manual (PK509) for the complete definitions, instructions, specifications, warnings, and safety concerns.

Circuit Board Wiring Diagram

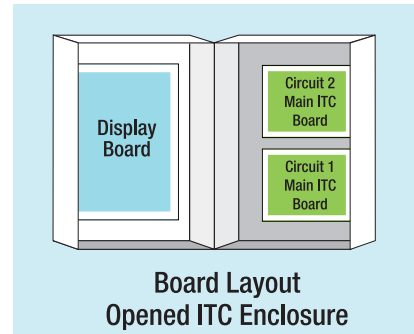


Wiring Notes:

1. ITC units have separate Main Boards for each circuit. Main Boards are located in the rear of the enclosure. On 2-Circuit ITCs, Circuit 1 Main Board is the lower board.
2. Two-Circuit units require separate voltage service feeds to each circuit.
3. The individual breakers shall be 50 Amps maximum or 125% greater than the largest anticipated current demand.
4. For 2-Circuit, Ambient-Sensing applications (1 RTD controls both circuits), connect the RTD to **RTD 1 INPUT** of the Main ITC Board for Circuit 1 (Lower Board).

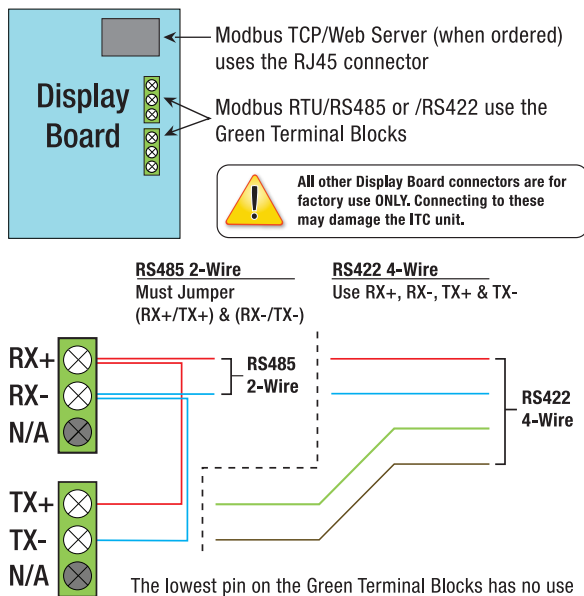
Board Layout Note:

In 2-Circuit ITCs, the Main ITC Board for Circuit 2 (Upper Board) has no Alarm Contacts.



Communications Wiring

All communications wiring is facilitated via the **Display Board**.



Wall Mount Layout Template

(Reference Only) **MAXIMUM #10 STUD**

