

Trasor Easy Audit Control Panels

Our Easy Audit Control Panels offer much more than your standard controls. Our panels were designed by heat trace professionals with extensive experience in plant operations and design. These panels feature a state of the art, intuitive user interface paired with reliable, time tested components. Field operators need only a glance at the large HMI touch screen to know the status of up to 40 circuits at once. Alarms are easy to see, and full details can be accessed with a touch - taking you straight to the issue. Our software is extremely intuitive, with quick access to customizable parameters - no need to scroll and click through long menus! Our panels include:

- **Single location of controls and monitoring of multiple circuits**
- **Instant view of up to 40 circuits**
- **Remote monitoring capability**
- **Customizable set points and alarms**
- **Easy-to-use interface**
- **Clear indication of problems in any circuit**
- **Easy to test and audit**

Components:

- HMI Touchscreen Control Interface
7" or 10" All Weather Screen
- 5, 10, 20, 30, or 40 Circuit Capacity
- Type 4 & 4X Enclosures
- UL approved, Ordinary or Class I, Div. 2
- Control Type: Ambient, Process or Mix of both
 - 30 Amp Mechanical Relays
 - 30 Amp or 60 Amp Solid State Relays
- 120/208 VAC, 3-Phase, 4 Wire
- 277/480 VAC, 3-Phase, 4 Wire
- With or without 20A, 30A, 40A, or 50A Breakers
- 50A to 225A main
- Indicating & Alarm
 - Temperature, High & Low
 - Current, High & Low
 - Ground Fault Current
- TraceCheck, 24/7 System Auditing
- Single or Dual RTD's
 - Available wireless sensing
- RS485 Modbus® RTU
- Dry Alarm Contacts for External Annunciation
- Type Z Purge for Class I, Div. 2



Screen above shows a 30-circuit Easy Audit HMI home screen. Green indicates the circuit is running properly. Any Red indicates an alarm condition is present for the specific circuit.



30-point NEMA-4X panel without circuit breakers



Locations
Ordinary
Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups E, F, G

Customizable Options

Heater Status:	Enable or Disable
Temperature Units:	°F or °C
Control Strategy:	On-Off or Proportional*
Deadband:	0-90°F (0 to 50°C)
Stagger Start*:	On or Off
Power Limit*:	1.0A to 100A
Temperature Setpoint:	32 to 932°F (0 to 500°C)
High Temp Alarm:	32 to 932°F (0 to 500°C)
Low Temp Alarm:	-58 to 932°F (-50 to 500°C)
High Current Alarm:	0.5 to 30A
Low Current Alarm:	0.5 to 30A
High Current Trip:	0.5 to 30A
Ground Fault Alarm:	0.01 to 1.0A
Ground Fault Trip:	0.01 to 1.0A
TraceCheck Interval:	1 to 24 hr.
RTD Fail-safe:	Heater On or Heater Off
Master Override Input:	On or Off
Alarm Contacts:	NO or NC for each contact
Alarm Light:	Alarm on Alarm off Flash during alarm then on Flash during alarm then off

*Solid State Modules only

Alarm Messages

Temperature:	High temperature alarm Low temperature alarm
Current:	High current alarm Low current alarm High current trip
Ground Fault Current:	Ground fault current alarm Ground fault current trip
TraceCheck™:	Switch shorted High current alarm Low current alarm High current trip Ground fault current alarm Ground fault current trip
Hardware:	Self-check failure, switch shorted RTD open, RTD shorted



NEMA-4 30-circuit control panel with circuit breakers



10-point controller with solid state relays, Class I, Division 2.