

# HTAS

PDS HTAS

## Heat Tracing Ambient Sensing Control Panel

Series 8000/12000/24000

### Features:

- Color Touchscreen Operator Panel
- Eight/Twelve/Twenty-Four points of Power Control
- Optional Ambient Sensing Controller
- NEMA 4 Enclosure
- Continuity Alarming
- Ground Fault Alarming/Trip
- Common Alarm Output
- Load Management
- Internal Power Distribution (Includes Circuit Breakers)
- 120, 240, and 277 Vac
- Auto-Cycle Feature
- Current Display
- Hand/Off/Auto Selection
- Network Communications

### Applications:

- Process Temperature Maintenance
- Freeze Protection
- Roof/Gutter De-Icing
- Tank and Vessel Heat Tracing
- Snow Melting
- Floor Heating
- Steam Condensate Return Systems
- Fire Protection Systems



# OGDEN



## IntelliTRACE™

### Description

The IntelliTRACE HTAS Series is a microprocessor based Monitoring and Power Management/Distribution system for Heat Trace Applications.

The IntelliTRACE Multi-Channel Heat Trace System provides Alarms for Continuity, and Ground Fault Leakage. The Advanced Features include a Color Touchscreen Operator Interface Panel that provides simple programming with

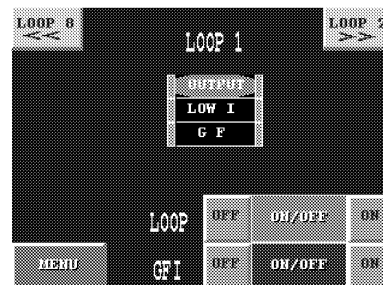
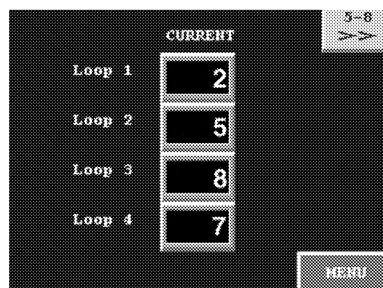
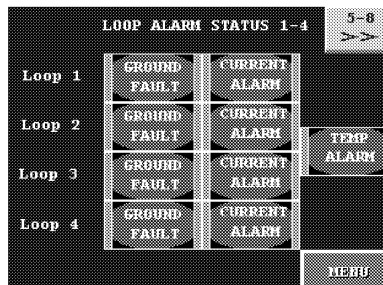
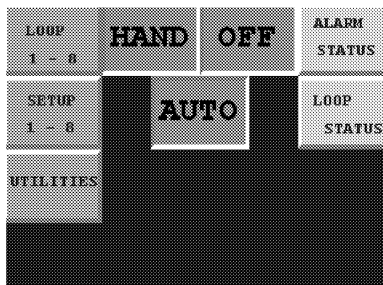
no keyboards or cryptic labels. The panel displays loop status, alarm conditions and graphics on currents.

With the built-in power distribution, the IntelliTRACE multi-loop provides **reduced material, installation, and maintenance costs.** The load management eliminates the need for expensive ground fault breakers, limits inrush current and systematically interrogates all circuits for continuity and ground fault leakage.

### Technical Specifications

Supply Voltage:	120, 240, and 277Vac, Three-Phase
Operating Environment:	32-120°F (0-40°C)
Communications:	RS-485 MODBUS®
Output:	Two-Pole Contactors
Maximum Current:	24 Amps/circuit
Ground Fault Alarm:	Adjustable 25-500 ma Factory Set @ 30 mA
Continuity Alarm:	< 2 amps Non-Latching.
Load Management:	15 sec. Non-Overlap to Reduce Inrush.
Auto-Cycle:	Programmable to 720 Hrs (30 days)
Control Mode:	Optional Ambient Sensing Controller.

# HTAS Series Ambient Sensing Heat Trace Panel



## Advantages

### Highest Value/ Lowest Installed Cost

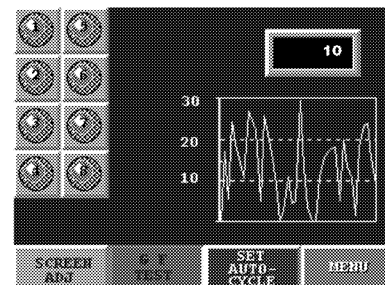
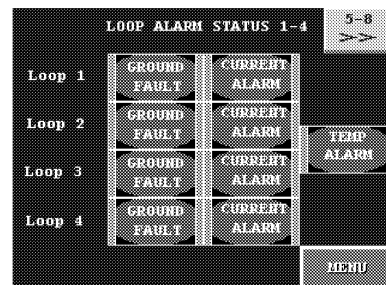
- Easy Retrofit into Existing Systems.
- Eliminates Ammeter Panels.
- Eliminates Signal Light Kits.
- Eliminates Monitor Wire Alarm Panels.
- Monitors Continuity without the use of Monitor Wire.
- Reduced Material and Installation Costs.
- Monitor and Power Management / Distribution in One Package.
- Provides (Optional On/Off Temperature Control) for all types of Heat Trace.
- Built-in GFI eliminates the need for separate Ground Fault Breakers.

### Lowest Learning Curve

- Simple Color Touchscreen.
- Operator Panel (no Keyboards/no cryptic labels).

### Reduced Maintenance/Troubleshooting Time/Cost

- Temperature/Monitor and Power Management in one Package.
- Periodic Auto-Test Function Checks Continuity, Alarms & GFI Status on each loop.
- Continuous Monitoring of Heat Trace Circuits.



# HTAS Series Ambient Sensing Heat Trace Panel

## Ordering Information

### MODEL

**HTAS IntelliTRACE 8000 Series Ambient Sensing Heat Trace Panel.**

#### Panel Configuration

cUL and UL Listed Eight Loop Ambient Sensing Temperature/Monitor Heat Trace Panel. Factory pre-wired for quick installation. Includes: Two-Pole Contactors, Current Transmitters, Ground Fault Indication or Shutdown, Continuity Alarms, Common Alarm Output, Loop Enable/Disable, Hand/Off/Auto, Auto Cycle Feature, Thermal Magnetic Circuit Breakers, Color Touch Screen Programming, NEMA 4 rated Enclosure (36" x 30"W x 8"D) for Indoor/Outdoor Applications. Options Include: Cabinet Heater, Type Z Purge System and Optional Ambient Temperature Sensing Controllers.

#### CODE Eight Zones of Monitored Power Control

8

#### CODE Voltage

- |   |  |
|---|--|
| 0 | 120 Vac (Includes Single-Pole Circuit Breakers) 208Y/120 Vac Three Phase Four-Wire |
| 1 | 240 Vac (Includes Double-Pole Circuit Breakers) 240Vac Three Phase                 |
| 2 | 277 Vac (Includes Single-Pole Circuit Breakers) 480Y/277 Vac Three-Phase Four-Wire |
| 3 | 480 Vac (Includes Double Pole Circuit Breakers) 480Y/277 Vac Three-Phase           |

#### CODE Circuit Breaker Selection

- |   |                         |
|---|-------------------------|
| 1 | 15 Amp Thermal Magnetic |
| 2 | 20 Amp Thermal Magnetic |
| 3 | 30 Amp Thermal Magnetic |

#### CODE Cabinet Heater

- |   |  |
|---|--|
| 0 | None                                   |
| 1 | Thermostat Controlled Enclosure Heater |

#### CODE Ambient Sensing Controller

- |   |                        |
|---|------------------------|
| 0 | None (Remote Mounted). |
| 1 | 1601-11030             |
| 2 | 1603-11030             |

#### CODE Pressurization Control System

- |   |   |
|---|---|
| 0 | None  |
| 1 | Type Z for Class I Division II Hazardous Location |

**HTAS 8 0 1 0 0 0 Typical Model Number**

# HTAS Series Ambient Sensing Heat Trace Panel

## Ordering Information

### MODEL

#### HTAS IntelliTRACE 12000 Ambient Sensing Heat Trace Panel

##### Panel Configuration

cUL and UL Listed Twelve Loop Ambient Sensing Temperature/Monitor Heat Trace Panel. Factory pre-wired for quick installation. Includes: Two-Pole Contactors, Current Transmitters, Ground Fault Indication or Shutdown, Continuity Alarms, Common Alarm Output, Loop Enable/Disable, Hand/Off/Auto, Auto Cycle Feature, Thermal Magnetic Circuit Breakers, Color Touch Screen Programming, NEMA 4 rated Enclosure (48" x 36"W x 10"D) for Indoor/Outdoor Applications. Options Include: Cabinet Heater, Type Z PUrge System and Optional Ambient Temperature Sensing Controllers.

##### CODE Twelve Zones of Monitored Power Control

12

##### CODE Voltage

0	120 Vac (Includes Single-Pole Circuit Breakers) 208Y/120 Vac Three-Phase Four-Wire
1	240 Vac (Includes Double-Pole Circuit Breakers) 240 Vac Three-Phase
2	277 Vac (Includes Single-Pole Circuit Breakers) 480Y/277 Vac Three-Phase Four-Wire
3	480 Vac (Includes Double Pole Circuit Breakers) 480Y/277 Vac Three-Phase

##### CODE Circuit Breaker Rating

1	15 Amp Thermal Magnetic
2	20 Amp Thermal Magnetic
3	30 Amp Thermal Magnetic

##### CODE Cabinet Heater

0	None
1	Thermostat Controlled Enclosure Heater

##### CODE Ambient Sensing Controller

0	None (Remote Mounted)
1	1601-11030
2	1603-11030

##### CODE Pressurization Control System

0	None
1	Type Z for Class I Division II Hazardous Location

HTAS 12 0 1 0 0 0 Typical Model Number

# HTAS Series Ambient Sensing Heat Trace Panel

## Ordering Information

### MODEL

**HTAS**    **IntelliTRACE 24000 Series Ambient Sensing Heat Trace Panel**

#### Panel Configuration

cUL and UL Listed Twenty-Four Loop Ambient Sensing Temperature/Monitor Heat Trace Panel. Factory pre-wired for quick installation. Includes: Two-Pole Contactors, Current Transmitters, Ground Fault Indication or Shutdown, Continuity Alarms, Common Alarm Output, Loop Enable/Disable, Hand/Off/Auto, Auto Cycle Feature, Thermal Magnetic Circuit Breakers, Color Touch Screen Programming, NEMA 4 rated Enclosure (60"x 60"W x 12"D) for Indoor/Outdoor Applications. Options Include: Cabinet Heater, Type Z Purge System and Optional Ambient Temperature Sensing Controllers.

#### CODE    Twenty-Four Zones of Monitored Power Control

24

#### CODE    Voltage

0	120 Vac (Includes Single-Pole Circuit Breakers) 208Y/120 Vac Three-Phase Four-Wire
1	240 Vac (Includes Double-Pole Circuit Breakers) 240 Vac Three-Phase
2	277 Vac (Includes Single-Pole Circuit Breakers) 480Y/277 Vac Three-Phase Four-Wire
3	480 Vac (Includes Double Pole Circuit Breakers) 480Y/277 Vac Three-Phase

#### CODE    Circuit Breaker Rating

1	15 Amp Thermal Magnetic
2	20 Amp Thermal Magnetic
3	30 Amp Thermal Magnetic

#### CODE    Cabinet Heater

0	None
1	Thermostat Controlled Enclosure Heater

#### CODE    Ambient Sensing Controller

0	None (Remote Mounted)
1	1601-11030
2	1603-11030

#### CODE    Pressurization Control System

0	None
1	Type Z for Class I Division II Hazardous Location

**HTAS    24    2    3    1    2    1    Typical Model Number**

# HTAS Series Ambient Sensing Heat Trace Panel

## WARRANTY AND LIMITATION OF REMEDY AND LIABILITY

Ogden warrants only that the Products and parts by Ogden, when shipped and the work performed by Ogden when performed, will meet all applicable specification and other specific product and work requirements (including those of performance), if any, and will be free from defects in material and workmanship under normal condition of use. All claims for defective or nonconforming (both hereinafter called defective) Products, parts or work under this warranty must be made in writing immediately upon discovery, and in any event, within one (1) year from delivery, provided, however all claims for defective Products and parts must be made in writing no later than eighteen (18) months after shipment by Ogden. Defective and nonconforming items must be held for Ogden's inspections and returned to the original f.o.b. point upon request. THE FOREGOING IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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understood Ogden shall have no obligation to initiate litigation unless Buyer undertakes to pay all expenses therefor, including but limited to attorney's fees, and indemnifies Ogden against any liability to Ogden's vendors arising out of such litigation.

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