

PYRO TRACE



**Innovative Zone Based Control System For Pipe Trace Heating Cable
The Ultimate Controller For Industrial, Commercial and Residential**



PYROBOX TRACE



PYROULS



PYROCON12 TRACE

Can use a high demand heating system on a limited power supply source
 Modular: Up to 4 circuits/contactors. Up to 600V, Up to 600A
 Sequence of zoning 1/2/3/4 + auxiliary
 Suitable for parallel, star & triangle connection
 North American consideration operating algorithm

- Adjustable temperature sensor
- User friendly programming and adjusting
- Adjustable cycle time between zones
- Adjustable delay (Hold on Time)
- Adjustable on and off
- Logical setting for installer / set up & service
- Second input for temperature switch
- Integrated Fault Detector. GFCI non class A
- Adjustable trip setting
- Non obtrusive adjustable snow sensor
- Electrical and Hydronic freezing applications
- Manual mode

Part#	Item	UPC# 093319	Description
PYROCON12 TRACE	Main Controller	42380	Controller and User Interface panel
PYROULS	Upper Limit Sensor	42325	Ambient Temperature Sensor
PYROBOX5 TRACE	Power Box 5 Trace	42386	Power box with 4 contactors (up to 600V & 600A) 50A (3 phase)
PYROBOX3 TRACE	Power Box 3 Trace	42388	Power box with 4 contactors 30A (2 phase)
PYROBOX3C TRACE	Power Box 3C Trace	42387	Power box with 2 contactors (up to 600V & 300A)



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SPECIFICATIONS

General

Area of use Nonhazardous locations HazLoc upon request
 Approvals UL and ETL listed

Enclosure

Protection NEMA Type 1 for residential type other enclosures available upon request
 Mounting Surface mounted (Pyrobox—Power distribution Cabinet)

Control

Supply 24V for controller, up to 110-220V for Pyrobox
 Load Load switching provided by power Panel (POWERBOX)
 Maximum Ratings Voltage: 600 VAC. Current: 600 Amps (tested to 2400V)
 Heater hold-on timer 0 to 99 hours; actuated by sensor or manual over ride switch
 System test Manual switching for simulated conditions and testing and commissioning

Temperature Sensor

Adjustable range 40°F to 90°F (4°C to 32°C)
 Sensor type Sealed Thermistor
 Circuit type Class 2
 Supplied length 30' (10m) semi-rigid cable

SCHEMATIC DIAGRAM

