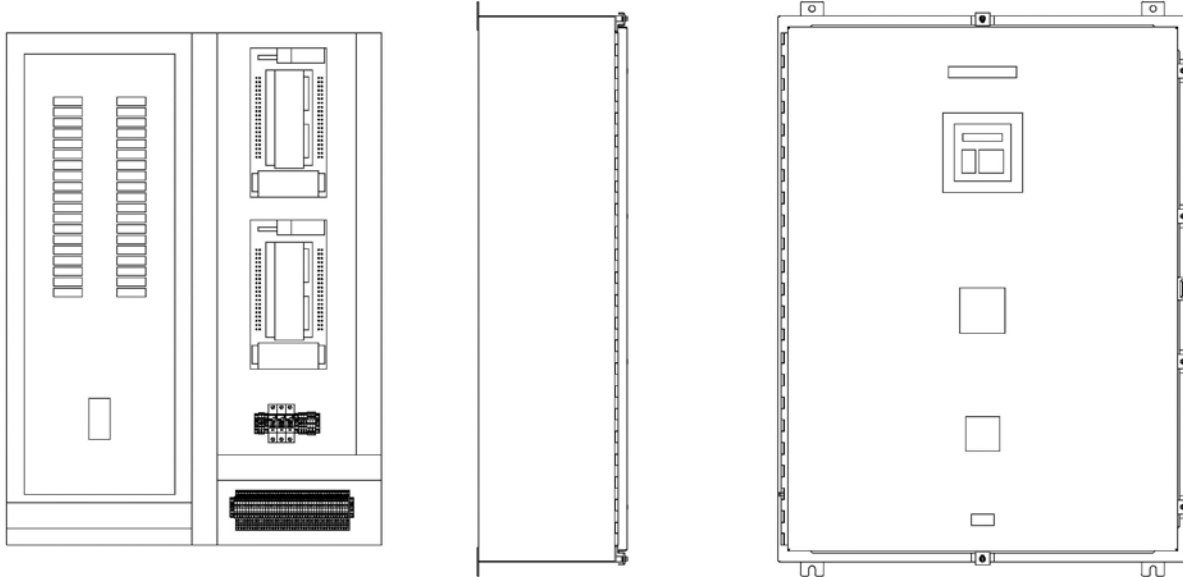


iTrace CP-20



Heater Circuits:	20	Dimension:	48"x36"x12" without legs
Breaker:	30A	Max Main Disconnect:	225A

Performance Specifications

Temperature Input	
Range:	-50 degrees F to +500 degrees F
Accuracy:	+/- 2.5 degrees F
Repeatability:	+/- 1.5 degrees F
Sensor:	100 ohm Pt 3 wire RTD 2 RTD's for freeze protection systems (primary & backup) RTD for each circuit for the maintain systems

Heating Switching	
Number of Circuit:	10, 20, 30 or 40 (standard)
Switch Rating:	30 A @ 280 VAC standard
Current Measurement:	0.1 to 30A 3%+/- 0.2A
GF Measurement:	10 to 1000mA 5%+/-2mA

User Settable Option	
Heater Status:	Enable or Disable
Heater Name or Tag:	16 Characters Alphanumeric
Temperature Units:	Degrees F or Degrees C
Control Strategy:	On-Off or Proportional
Deadband:	0 to 90 Degree F

User Interface	
Display:	20 Character x 2 Line Display
Keypad:	9 Tactile Keys
Contrast:	Adjustable
Panel Indicators:	Power ON Current heater display on system & process alarms
NEMA Rating:	4 or 4X per request

Alarm Messages	
Temperature:	High Temperature Alarm Low Temperature Alarm
Current:	High Current Alarm Low Current Alarm High Current Trip
Ground Fault Current:	GF Current Alarm GF Current Trip
Hardware:	Self-Failure Switch Shorted RTD Open RTD Shorted

Ground Fault	
Max Trip Time:	24.5 msec

Current Input	
Range:	0.1A to 100A per
Accuracy:	3% +/- 0.2 A

Optional Communication	
Protocol:	Modbus RTU (Standard) Allen Bradley Ethernet I/O

Alarms	
Alarm Output:	Programmable NO or NC One dry mech contract Mech - 120Vac @ 1A DC - 30Vdc/0.1A

Additional Options	
Purge Systems	Purge Kits for Class 1 Div 1

PANEL ORDER SPECIFICATIONS

CP-20 - TWENTY HEAT TRACE CHANNELS	
Power Feed Voltage	
-1	480V Rated 3 Phase
-2	208V Rated 3 Phase
-3	240V Rated 1 Phase
-4	208V Rated 1 Phase
Heat Circuit Voltage	
1	277 VAC
2	120 VAC
3	208 VAC
4	240 VAC
C	CUSTOM (Custom Mix of 1P and 2P Breakers)
Main Breaker	
0	80 A
1	100A
2	150A
3	200A
4	225A
NEMA Rating	
-1	NEMA 12 Indoor Splash Proof
-2	NEMA 4 Outdoor Rain and Spray Proof (Standard)
-3	NEMA 4X Outdoor Rain and Corrosion Resistant
Module 1	
1	Maintain
2	Freeze Protection (Ambient Sensing)
3	Freeze Protection (Slave Unit)
Module 2	
1	Maintain
2	Freeze Protection (Ambient Sensing)
3	Freeze Protection (Slave Unit)
X	Not Used
Communication Option	
0	None
1	Modbus
2	Allen Bradley Ethernet I/O
Floor Legs	
-0	None
-2	18 Inch
-3	24 Inch
Purge Kit	
0	No
P	Yes
PS	Yes with Alarm Output
CP-20	

Project Name: _____

Contact: _____