



heat tracing specialists

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Romans 10:11 For whosoever believes on Him shall not be ashamed.



HTDP HEAT TRACE PANEL



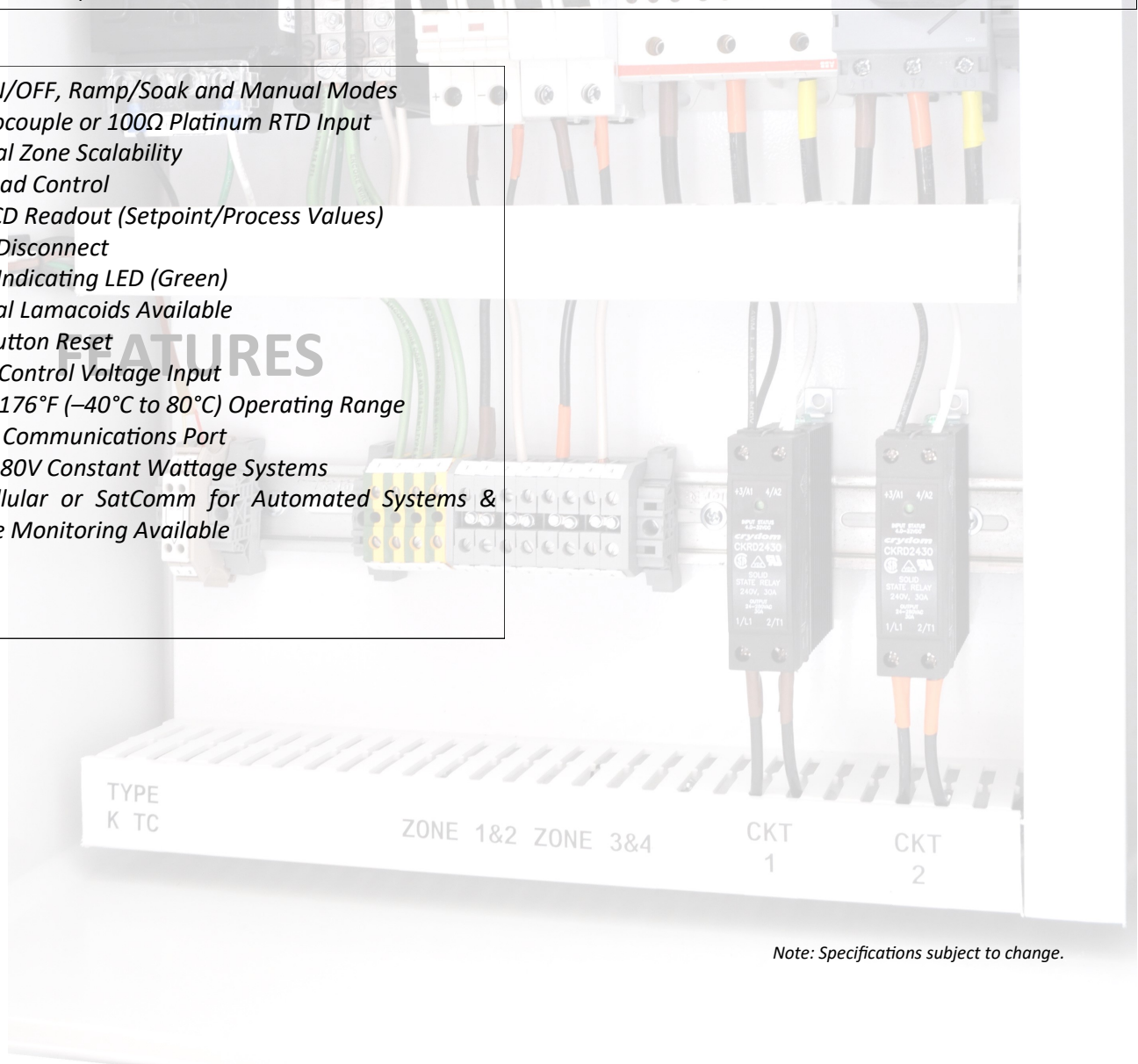
Controls

HTDP heat trace distribution panels are built to job requirements. All HTDP panels feature solid state programmable controls and solid state relays or circuit breakers for efficient & reliable control of heating cables. A durable NEMA 4X rain-tight enclosure protects against the elements ensuring that all electrical is safely protected. Whether it be process temperature or freeze protection, distribution panels offer a singular, versatile and convenient source for energizing heat trace. Distribution panels offer finer and easier adjustment of setpoint temperatures and better precision in monitoring over mechanical thermostats. Distribution panels can be customized to allow for future integration of controllers/relays for expanded heat trace systems. Distribution panels also come with serial com ports for remote operability and can be configured with direction antennas for wireless communications, so you have access to your heat trace system from anywhere in the world.

Example Configuration	HTDP-4X-2C-120V-2R/20A-10P-H-G					
Cabinet Type	Controllers	Operating Voltage	No. Relays	Relay Amps	Points	Options
4=NEMA 4	1C=1 Controller	120V	1R=1 Relay	10A	*5P=5	H=Heated
4X=NEMA 4X	2C=2 Controllers	208V-240V	2R=2 Relays	20A	10P=10	G=GFI Protection
	3C=3 Controllers	277V	3R=3 Relays	30A	15P=15	RF=Radio
	4C=4 Controllers	480V	4R=4 Relays	35A	20P=20	CEL=Cellular
			5R=5 Relays	45A	25P=25	SAT=Satellite
			6R=6 Relays	55A	30P=30	

Notes: Controller operates on 100VAC to 240VAC or 24VDC and is preconfigured to accept a type K thermocouple. Each panel comes prewired with a small piece of SW-K to illustrate proper wiring. Please observe correct polarity when wiring thermocouple. For large scale heat trace jobs it is prudent to divide out circuits over multiple relays and gang relays into individual controllers (zoning). Avoid clustering circuits into large capacity singular relays. Never exceed 80% of a relay's capacity (National Electric Code). All parallel heat trace has two conductors and ground braid. When determining number of terminals each conductor is considered a point or terminal.* 5 points minimum.

- PID, ON/OFF, Ramp/Soak and Manual Modes
- Thermocouple or 100Ω Platinum RTD Input
- Optional Zone Scalability
- Touchpad Control
- Dual LCD Readout (Setpoint/Process Values)
- Safety Disconnect
- Status Indicating LED (Green)
- Optional Lamacoids Available
- Push Button Reset
- AC/DC Control Voltage Input
- -40°F - 176°F (-40°C to 80°C) Operating Range
- RS-485 Communications Port
- Up to 480V Constant Wattage Systems
- RF, Cellular or SatComm for Automated Systems & Remote Monitoring Available



Note: Specifications subject to change.