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Date: 1/15/2025

Topic: DTK Temperature Controller Launch Announcement

Dear Valued Partner,

We are excited to announce that the Delta DTK Series Temperature Controllers, a proven solution in global markets, are now available in North America. The DTK Series is designed to offer high-performance, cost-effective temperature control, providing enhanced functionality without compromising on Delta's hallmark of reliability. This product is now available and searchable on DeltaPST.com, complete with pricing details.

[DTK Technical Document](#)

[Delta Temperature Controller Catalog](#)

Key Features and Advantages of the DTK Series:

1. **Compact Design**: At just 60mm in depth, the DTK Series is ideal for installations with limited space.
2. **Rapid Sampling and Response**: The DTK features a 100ms sampling rate, which is four times faster than the DTB Series' 400ms rate, delivering quicker and more precise temperature control.
3. **Advanced Display**: A high-contrast LCD display provides clear, customizable graphical information for easy operation.
4. **Versatile Control Options**: The DTK supports multiple control modes, including PID, manual, and ON/OFF control, ensuring flexibility across various applications.
5. **Cost-Efficiency**: As a more affordable alternative, the DTK Series offers a budget-friendly solution without sacrificing performance or quality.
6. **Enhanced Protection:** The DTK features IP66 ingress protection and UL and CE certification, ensuring durability and safety in demanding environments.

DTK Models Options:

Model	Product Description
DTK4848C12	Panel size 48x48m main current output & two relay alarm outputs
DTK4848R12	Panel size 48x48mm main relay output & two relay alarm outputs
DTK4848V12	Panel size 48x48mm main voltage pulse output & two relay alarm outputs
DTK4896R12	Panel size 48x96mm main relay output & two relay alarm outputs
DTK9696R12	Panel size 96x96mm main relay output & two relay alarm outputs

Delta Electronics has designed the DTK Series for seamless integration with existing systems, ensuring compatibility across a broad range of applications. For customers currently using the DTB Series but looking for a more cost-effective solution, transitioning to the DTK will be simple, requiring minimal adjustments in most cases. The DTK's enhanced features, such as its faster sampling rate and user-friendly interface, offer an immediate boost in control precision and ease of operation.

Comparison Chart: DTK vs. DTB:

Feature	DTK Series	DTB Series
Sampling Rate	100 ms (High-speed, precise control)	400 ms (Standard control)
Display Type	High-contrast LCD display	7-segment LED display
Control Modes	PID, Manual, ON/OFF	PID, Manual, ON/OFF
Communication Options	RS-485 (All North American models)	RS-485
Design	Compact (60mm depth)	Standard (80mm depth)
Panel Protection Level	IP66	IP65

For more information on the DTK Series and how it can benefit your applications, please contact your Delta Electronics representative. We are committed to helping you find the best solution for your temperature control needs.

Thank you for your continued support and partnership.

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