

## APPLICATION STUDY: THE DTA100USD UNLEASHES TIMING FLEXIBILITY AND CONTROL BEYOND TRADITIONAL LIMITS IN FOOD AND BEVERAGE PROCESSING



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### BACKGROUND:

In the dynamic realm of food and beverage processing, precision in timing is crucial for efficiency and profitability. Governing processes, from conveyor belt control to intricate mixing and filling procedures, requires accurate timing. Obstacles often arise from outdated equipment and complex systems. ATC Diversified Electronics addresses this challenge with the DTA100USD Multifunction Time Relay, providing a solution tailored to the industry's timing needs.

### THE CHALLENGE:

Recognizing the critical role of precise timing in the fast-paced food and beverage industry, the challenge was to boost efficiency, elevate quality, and optimize every second in managing intricate conveyor belt systems and delicate mixing and filling routines. Traditional solutions were limiting, prompting the need for a versatile, user-friendly, and cost-effective solution.

### THE SOLUTION:

In response to the unique challenges of the food and beverage processing industry, ATC Diversified Electronics presents the **DTA100USD Multifunction Time Relay**. Meticulously engineered to minimize downtime and enhance safety, this timer ensures optimal performance by swiftly responding to control switch inputs. Its multiple delay and timing ranges allow for customization to meet specific facility requirements. Additionally, an extra layer of safety prevents undesired operations beyond the designated time delay, further enhancing reliability.

### THE FUTURE:

Looking ahead, the DTA100USD Multifunction Time Relay stands out as a versatile solution for diverse industries. This feature-rich timer is equipped with adjustable time delay periods and modes, making it adaptable to various applications. Industry-agnostic, the DTA100USD ensures optimal performance across sectors, offering a reliable and safe solution for manufacturing, energy, and more.