



## INNOVATIVE, DURABLE SOLUTIONS

Albert Genau is a global leader in the design and manufacture of durable, user-friendly window systems. With a focus on innovation and sustainability, the company continuously develops new technologies to ensure the highest levels of quality, safety, and customer satisfaction. Their systems, recognized with international design awards, are exported to 82 countries.

This relentless pursuit of excellence is why Albert Genau has partnered with Essentra Components for their locking systems since 2015.

### THE CHALLENGE

Albert Genau needed to design a new espagnolette for their window systems, which are both mobile and heavy. The goal: create a locking system that was easy to operate, durable, and long-lasting. This new product had to meet high standards for both functionality and customer satisfaction. With no previous precedent for this type of locking system, the design process was critical. The locking mechanism needed to be ergonomic, reliable, and capable of operating smoothly over many years, preventing customer complaints and minimizing the need for ongoing maintenance.

### THE SOLUTION

Essentra Components designed a Push-Button Swinghandle Lock System to meet Albert Genau's needs. The product was developed using 3D CAD drawings and prototypes, with the aim of providing a seamless integration into the new window systems. Essentra's support included full production capabilities, ensuring the solution met the company's quality and durability requirements without introducing significant procurement hurdles. There were no concerns during the procurement phase, allowing the design process to proceed smoothly.

This innovative solution enabled Albert Genau to deliver a lock system that achieved its criteria, ensuring that their customers could rely on the window system for many years without issue.

**CUSTOMER**  
Albert Genau

**INDUSTRY**  
Glazing Solutions  
Manufacturer

**PROJECT**  
Swing Handle Lock for Sliding  
& Folding Glass Systems

**SOLUTION**  
Access Hardware

**"We were the first in the industry to use Essentra's mortise Swinghandle locks in our movable glazing system product. Thanks to this collaboration, this product has become the industry standard."**

— Adil Işıldak, Chairman of the Board, Albert Genau





## RESULTS

The introduction of the Push Button Swinghandle Lock System resulted in a significant improvement in product design, meeting the high standards of Albert Genau's window systems.

**Ergonomics and durability:** The new lock system is ergonomic, durable, and perfectly aligned with customer requirements. It provides ease of use for end users while ensuring long-term reliability.

**Cost savings:** Savings achieved for Albert Genau by improving existing production methods without requiring additional investment in new molds. This allowed for greater cost efficiency and resource optimization.

**Award-winning design:** The lock system contributed to the success of Albert Genau's guillotine window system, which has won prestigious RedDot, IF Design, and Good Design awards.

Albert Genau's customer focus and technical expertise, combined with Essentra Components' innovative solutions, have led to both design success and product quality.

## ONGOING SUPPORT

Essentra continues to work closely with Albert Genau, offering ongoing support and custom solutions. The long-standing relationship ensures that the window systems remain up to date with customer needs and expectations.

To find out how the experts at Essentra can help your business, call **800-847-0486** or email **[sales@essentracomponents.com](mailto:sales@essentracomponents.com)**



**"Our relationship with Essentra has been going from strength to strength for 10+ years. When we design a new product, we discuss possible locking options with Essentra and act accordingly. "**

**— Adil Işıldak, Chairman of the Board, Albert Genau**

