news & updates October 2026 | Issue 43

In this issue:





CEO's Corner

A rotary switch may be a small part of your design, but its electrical performance, operating feel, and mechanical life can have a lasting effect on the finished product. **LORLIN Electronics** offers low-power rotary switches, binary-coded models, multibank configurations, and keylock switches for applications ranging from professional audio and industrial controls to household appliances and test instrumentation.

Saelig Company, Inc. is the authorized U.S. distributor for LORLIN products. Whether your project calls for a standard catalog switch or a customized solution with a specific spindle, contact finish, or turning torque, contact Saelig to discuss your requirements and explore LORLIN's standard products and custom engineering capabilities.

Alan Lowne
CEO, Saelig Company Inc.

What's New?

Click here for Update

Contact Information

Voice: 585-385-1750
FAX: 585-385-1768
Sales: sales@saelig.com
Tech Support: support@saelig.com
Quotes: quotes@saelig.com



Promotions

Click here for Promotional Items







British Switch Manufacturing Since 1961

Founded in 1961, UK-based LORLIN Electronics brings decades of electromechanical component manufacturing experience to switch design and production. Its range combines established standard products with the ability to modify existing designs or develop a switch around an application's particular requirements. The company emphasizes durability and reliability, supported by 100% product testing and historical endurance data.



Standard Switch Families for Different Circuit Needs

LORLIN's catalog offers choices in mounting, termination, indexing angle, and switching arrangement. These options let designers match the mechanical interface and electrical function to the equipment being developed.

CK Series Low Power Rotary Switches

The CK Series is LORLIN's flagship low-power rotary switch family. Available in metric and imperial sizing options with solder or PCB terminals, these switches accommodate different panel and board layouts. Configurations include mechanical stops or continuous rotation, with typical indexing angles of 30°, 60°, and 90°. This flexibility supports applications requiring defined selector positions or unrestricted rotation.



BCK Series Binary Coded Rotary Switches

For digital applications, the BCK Series provides hexadecimal and complementary outputs with a 22.5° indexing angle. Continuous-rotation and mechanical-stop configurations are available. The coded output makes this family relevant when a circuit needs to identify a selected position through a digital code.



PT and Multibank Rotary Switches

LORLIN's multibank PCB rotary switches support simultaneous low-level switching across multiple circuit levels, including complex channel-selection arrangements. Standard indexing is 30°, with 36°, 60°, and 90° options available. These configurations are useful when several circuits must follow the same selector position.





Keylock Switches

Keylock switches provide a key-operated control interface for applications requiring restricted access, including control panels and equipment where operation must be limited to authorized users. The appropriate model should be selected to match the equipment's electrical and mechanical requirements.



Custom Switch Engineering: Solutions Beyond the Catalog

One of Lorlin's greatest strengths is its ability to modify standard products or develop customized switching solutions for specialized applications.

While standard switches satisfy many requirements, equipment manufacturers sometimes need unusual spindle dimensions, specific indexing arrangements, enhanced contact materials, or customized operating characteristics.

Lorlin addresses these challenges through flexible manufacturing techniques and dedicated engineering support.

Rapid Prototyping and 3D CAD Modeling

Lorlin uses modern 3D CAD modeling and rapid prototyping techniques to develop and evaluate specialized switch designs.

Physical working samples allow engineers to assess mechanical fit, operating characteristics, and integration into their equipment before final production decisions.

This approach can help identify design issues early and reduce the need for costly changes later in development.

Flexible Tooling and Custom Modifications

Lorlin's modular tooling philosophy allows many modifications without the delays associated with developing completely new manufacturing processes.

Available customization possibilities include:

- Specialized spindle lengths and configurations.

- Custom indexing angles.
- Alternative contact materials.
- Application-specific mechanical arrangements.
- Customized rotational torque and operating feel.

These capabilities can be especially valuable for OEMs developing equipment with unusual packaging constraints or distinctive operator-interface requirements.

Materials and Contacts Engineered for Performance

Different electrical and environmental conditions place different demands on switching components. Lorlin offers several material and contact options to address specialized requirements.

UL-V0 Rated Materials: Flame-resistant plastic materials are available for applications where specified flammability performance is important, including certain household appliances and commercial electronics.

Gold-Plated and Gold-Flash Contacts: Specialized contact finishes can help optimize performance in low-level signal circuits or environments where contact oxidation and corrosion are concerns. Such options are particularly useful in precision instrumentation and audio applications.

Customized Operating Torque: Lorlin can tailor the turning resistance and tactile characteristics of rotary switches. This capability is valuable in professional audio and premium electronic equipment where smooth, consistent control operation contributes to perceived product quality.

Quality Assurance: Every Switch Matters

Although a switch may represent only a small portion of an electronic assembly, its failure can compromise an entire product. Lorlin therefore places considerable emphasis on manufacturing quality and product reliability.

Lorlin performs 100% product testing, supported by an extensive library of historical endurance data.

Its standard and custom evaluation procedures address several important performance characteristics:

- **Electrical and mechanical endurance:** Evaluating switch performance through repeated operating cycles.
- **Environmental sealing:** Assessing protection against environmental exposure.
- **Impact resistance:** Evaluating the ability to withstand mechanical stresses.
- **Breakdown torque:** Determining mechanical strength under excessive rotational force.

Lorlin's quality management systems are certified to **BS EN ISO 9001**, and many of its components carry applicable international electrical approval marks.

This commitment to testing and quality control helps manufacturers select switching components with greater confidence in their consistency and long-term performance.

Selecting the Right Switch for Your Application

Choosing an electromechanical switch requires consideration of more than the number of positions or contacts. Engineers should evaluate several fundamental design requirements:

1. **Electrical performance:** Required voltage, current, and signal levels.
2. **Switching configuration:** Number of poles, positions, and independently controlled circuits.
3. **Mechanical integration:** Mounting style, spindle dimensions, and available panel space.
4. **Rotational characteristics:** Indexing angles, mechanical stops, and operating torque.
5. **Environmental requirements:** Material selection, sealing needs, and anticipated operating conditions.
6. **Contact characteristics:** Appropriate materials and finishes for the application's electrical demands.

Lorlin's combination of established standard products and flexible customization capabilities allows engineers to address these considerations while balancing performance, cost, and manufacturability.

Saelig Company, Inc. —

Your Authorized U.S. Distributor for Lorlin Electronics

Saelig Company, Inc. is the authorized U.S. distributor for Lorlin Electronics, offering American engineers and manufacturers convenient access to Lorlin's precision-engineered switching solutions.

Whether you need a CK Series rotary switch, a BCK binary-coded selector, a PT or multibank assembly, a keylock switch, or a specialized custom configuration, Saelig can assist with product selection and technical inquiries.

With more than six decades of switching experience, flexible custom engineering, and rigorous quality control, Lorlin Electronics provides the reliability and design versatility required by today's electronic equipment manufacturers.

Looking for the right switching solution for your next design? Contact Saelig to explore Lorlin's standard and customized products.

Saelig Company, Inc.
Authorized U.S. Distributor for Lorlin Electronics

Phone: 585-385-1750
Email: info@saelig.com
Website: www.saelig.com

Lorlin Electronics and Saelig Company, Inc. — Precision switching solutions engineered for reliability

---

Check Out Our Website for Other Fine Saelig Product Offerings

For Sales and Promotions, Click Here.













Data Loggers



Displays



Embedded



RF Shielding



RF/Wireless



Ultrasonics



circuit cellar

Inspiring the Evolution of Embedded Design.

Click Me

Click to subscribe to the Magazine and/or Newsletter

Home | Magazine | NEWSLETTER | Research & Design Hub | Insights | Tech News | Resources | Advertise

DIGITAL EDITION NUTS AND VOLTS EVERYTHING FOR ELECTRONICS SUBSCRIPTION → CLICK ME

Saelig
unique electronics
www.saelig.com 1-585-385-1750



The best in world-wide unique electronics