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A full spectrum of sensing and signaling products for protection, detection, and safety

## Tapeswitch Corporation Product Release: Trapped Key Machine Guarding Solution

### Trapped Key Interlocks Product Line Offers Components For Both Safe Machine Guarding and Power Isolation For Simple To Complex Machinery Guarding Applications With Lock-Out

From a simple to complex machine guarding application, Tapeswitch Corporation offers a full product line of trapped key interlocks for power isolation and for machine guarding lock-out that are configured with components to fit your exact application, machinery power type (run-down), access point structures - doors, hatches, gates, control panel lock-out, power isolation requirements.

Trapped Key Interlocks are a machine guarding solution for the control of hazardous energy, eliminating the need for a procedural lockout tag out system and are approved for such use in the US under the ANSI standard Z244.1 - Control of Hazardous Energy (Lockout/Tagout and Alternative Methods).

#### Simple Machine Guarding Solutions:

#### The three points of trapped key interlocking



**Simple Machine Guarding Solution:** The AIE is a double key, stainless steel, access interlock suitable for machine guarding on hinged and sliding doors, gates and fences. The KS - power safe electrical switch is a key driven electrical switch suitable for the isolation or switching of low (20, 32, 63 or 150A) current. The key exchange units, such as X, Y, Z are for multiple access point machine guarding.

**Complex Machine Guarding Solutions:** The trapped key interlock product line is extensive, providing solutions for both power interlocking and control circuit interlocking, machinery with different power sources, even pneumatic and hydraulic, machinery with fixed or variable run-down times, different environments, full access control (meaning a person can't be locked in access areas if gate is shut because the machine's key is needed to start the interlocking process), and robotic machine guarding (where access must be restricted to the end of a cycle products).

#### Machine Guarding System Advantage:

The product line is well engineered and offers the competitive advantage of integrating unique key code configurations, heavy weight mechanical components, durable stainless steel keys and other safety guard accessories, such as key caps for extra protection from particulates, which can deter the mechanisms of the lock in normal conditions in most trapped key product lines.

For complete **Power Isolation and Access (Lock-Out) Trapped Key product specifications**, visit [www.tapeswitch.com](http://www.tapeswitch.com); contact Barry Lipsman, Sales Manager Tel: 631-370-6553; [marketing@tapeswitch.com](mailto:marketing@tapeswitch.com)



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## Tapeswitch Corporation

### Tapeswitch Corporation

For over 55 years, Tapeswitch Corporation has manufactured/offered switch products for safety, sensing, signaling for the industrial machinery builders/users, Equipment OEMs, commercial, and specialty niche market applications providing 9 standard products lines with custom engineering and manufacturing to application and product specifications.

**Custom Engineering/Manufacturing Advantage:** Regional applications/ product managers with 55 years of experience in product, engineering, applications, and industry standards develop and execute a thorough custom design process, manufacturing schedule, and delivery to streamline your project. ISO 9001:2008 Certified Company.

**Machine Safety/Guarding/Contact Detection:** Safety switches, safety mats, safety edges, safety bumpers, safety light curtains, safety laser scanners programmable safety control unit, safety relays and custom multi-zone control units, non-contact safety switches (monitoring), and trapped key interlocks (power isolation/lock-out) provide machinery builders/users and equipment OEMs with machine-safety rated product solutions.

**Signaling Switches: (Safety-Rated or Non-Safety)** Ribbon switches, touch pads, detector cells, foot/hand switches, and custom switches provides commercial and industrial markets with general purpose signaling switch product solutions.

**Sensing Switches, Mats, Edges, Bumpers (Non-safety):** Provides specialty markets with sensing switch products to fit their applications.

### How To Reach Us To locate a Regional Applications/Product Manager:

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