Visibly better
The Smile E-stop was developed to address major issues with conventional e-stops, the most widely used stopping device on the market today—first, to eliminate the need for contact blocks that may loosen resulting in the e-stop button failing in an unsafe mode—second, to lower the labor costs associated with installation—and third, to utilize built-in diagnostics to reduce the time needed for troubleshooting.

Unparalleled value
• Engineered to eliminate the need for “snap-on” contacts.
• Plug-and-play technology, with multiple connect/disconnect options, reduces costs up to 60% compared to conventional machine wiring methods.
• Built-in LED diagnostics reduce downtime when troubleshooting.
• Robust molded construction—no assembly necessary.
• Control reliable and product reliable to keep machines running.
• Available for both static and dynamic pulse safety circuits.
• Several E-stops in series meet the highest level\(^1\) of safety.

Unique design
Eliminates the need for strain relief and terminal wiring required on conventional e-stops.
• Every Smile comes standard with LEDs and Tina version also has output for diagnostics.
• Available in two variations—for static as well as ABB JOKAB SAFETY’s dynamic pulse safety circuits (see note).
• Easy installation with mounting hardware included, no costly fabricated switch brackets are required.
• Offered with one or two M12 connectors.

Increase profits by reducing downtime
LEDs, standard on every Smile, makes set up and troubleshooting quick and easy, unlike conventional e-stops without any visual indication. Without this feature, common system faults—due to vibration, damage and single channel safety faults—can be a mystery to diagnose until E-stops are individually cycled and tested, resulting in extended downtime.

**Note:** Dynamic pulse safety circuits achieved when Smile interfaces with Vital Controller or Pluto safety PLC.

**SMILE TINA DIAGNOSTICS’ LED allows for immediate diagnosis and reset.**

**Green LED:** E-stop not pressed and entire circuit up to this point is satisfied.

**Red LED:** E-stop pressed.

**Flashing Green/Red LED:** E-stop located before is pressed.

\(^1\) See web site for detailed list of third party approvals for standards and regulations.
Increase machine reliability and safety with Smile E-Stops

Industry often struggles with maintaining both safety requirements, as well as machine reliability. Smile E-stops offer tremendous advantages in both of these areas. Smile is fully integrated with a robust molded covering that resists dirt and stands up to harsh conditions. Easy-to-install, Smile E-stop button has built-in LED diagnostics that reduce costs while meeting the highest level of safety.

Conventional E-Stop switches
• Assembly and mounting to panel surface required.
• Auxiliary contact elements need to be installed as part of the assembly.
• Constant usage, heavy vibration, improper assembly or installation can cause auxiliary contacts to loosen, eventually resulting in failure in an unsafe mode.

Smile E-Stop for conventional controlled stop conditions
• Available with black actuator for conditions such as line stop, request to enter, maintenance stop and production halt.
• Robust molded construction—no assembly necessary.
• Every Smile comes standard with LED and output for diagnostics.
• Plug-and-play technology, with multiple connect/disconnect options, reduces installation time.
• Engineered to eliminate the need for auxiliary contacts.
• Easy installation with mounting hardware included.

Designed for universal applications
• Packaging industries
• Textile applications
• Robotic cells
• Material handling
• Press industry
• Printing applications
• Commercial usage
• Unlimited industries