

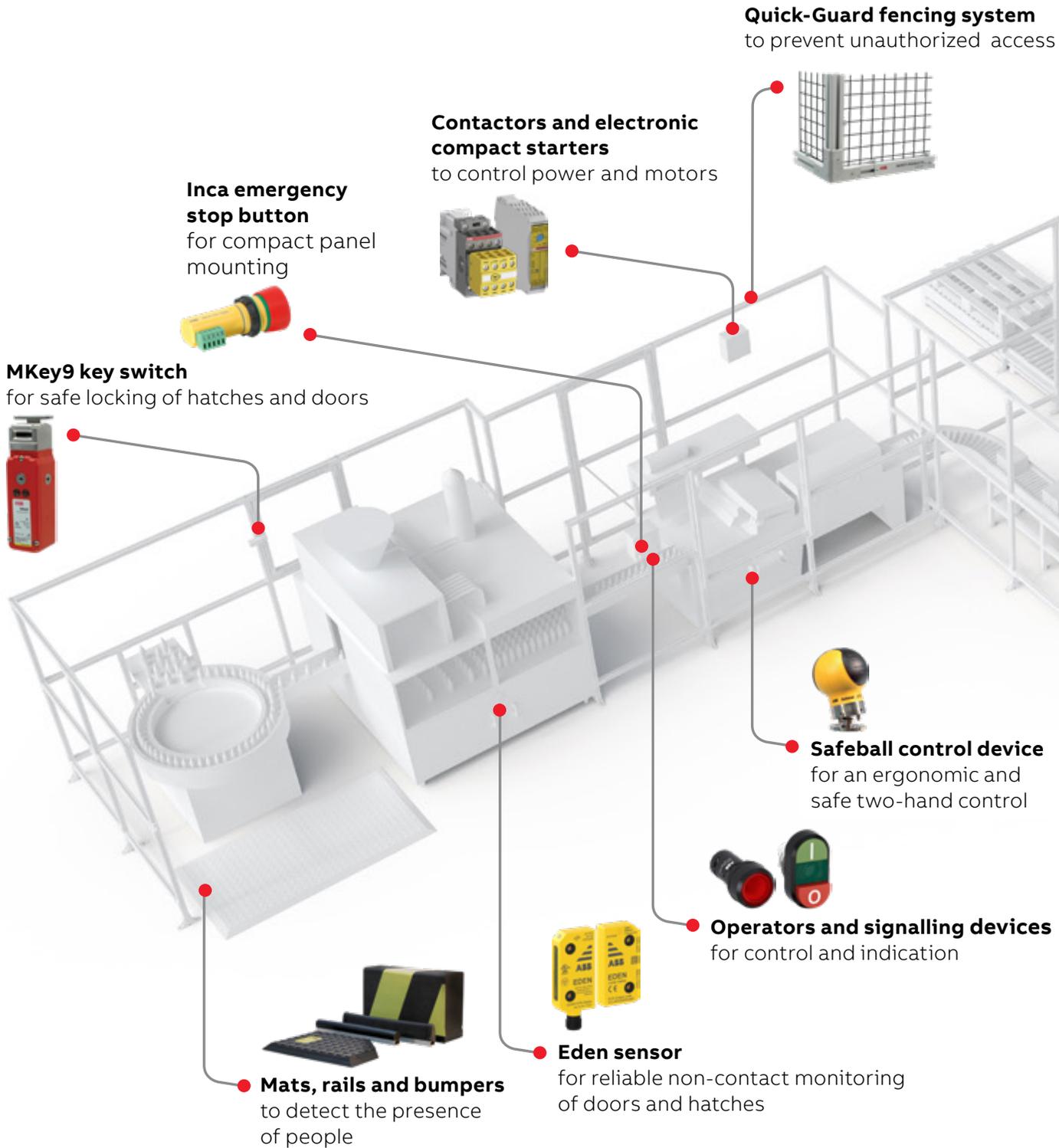
SAFETY PRODUCTS

# Product panorama

## ABB Jokab Safety



We deliver and support the world with premium, intelligent machine safety solutions.



**Magne magnetic lock**  
to keep doors and hatches  
locked during a process



**Pluto programmable safety controller,  
Vital safety controller and Sentry safety relays**  
for flexible monitoring of safety devices



**Smile emergency stop button**  
to safely stop machinery  
in hazardous situations



**Orion light guards**  
for a production-friendly  
safety detection



**Knox safety lock**  
for safe locking of doors



**JSDH4 three-position device**  
for safe and ergonomic  
inspection and troubleshooting

**LineStrong pull wire  
emergency stop switch**  
for easy access to emergency  
stop function



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## Logic units

ABB Jokab Safety offers a range of logic units to suit different types and sizes of safety applications

### Sentry Safety relays

Sentry is a range of safety relays that are powerful and easy to use. There are basic Sentry models for simple applications and easy output expansion, as well as highly flexible models with extremely accurate timer functions and a display in the front for configuration and troubleshooting.

### Vital Safety controllers

Vital is a configurable safety controller that does not require any programming. It uses the ABB Jokab Safety DYNlink system that enables Vital to supervise multiple safety functions that normally would have required several safety relays in order to reach the highest level of safety.

### Pluto Programmable safety controllers

Pluto is a programmable safety controller that is cost effective, powerful and compact. Pluto can control most types of safety devices on the market, as well as DYNlink safety devices, analog sensors, encoders, contactors, valves and many more. Models with safety bus communication simplify the design of safety systems, thanks to our All-Master concept.

### Pluto Gateways

A wide range of gateways allows communication with other networks and also remote monitoring of a Pluto system.

### Pluto Manager

Programming is easily done in the free-of-charge software Pluto Manager.



01 Sentry



02 Vital



03 Pluto

## General machinery

With a wide range of sensors and control devices ABB Jokab Safety has suitable safety solutions to most safety functions for machine builders and OEMs.



**Eden**  
**Non-contact sensor**  
Easy to install, highest level of safety and high reliability.



**Orion**  
**Optical safety device**  
Reduce complexity, cost and downtime.



**Safeball**  
**Two-hand control device**  
Ergonomic design, easy to install and highest level of safety.



**Smile/Inca**  
**Emergency stop**  
Compact design and easy to install. LEDs give good diagnostics.



**Safety mats, edges and bumpers**  
**Pressure-sensitive devices**  
Custom made with durable design.



**Magne**  
**Magnetic process lock**  
Robust design, reliable in harsh environments and easy to install.



**Contactors and electronic compact starters**  
**Power and motor control**  
Compact and time-saving solutions.



Our robots improve productivity and can reduce waste by 80 percent.

## Food and beverage

ABB Jokab Safety has long experience in developing products and solutions adapted for the harsh environment and requirements in the food and beverage industry.



**Eden**  
**Non-contact sensor**  
Reliable in harsh environments, easy to install and highest level of safety.



**EStrong**  
**Emergency stop**  
Robust design and reliable in harsh environments.



**MKey**  
**Mechanical key switch**  
Reliable in harsh environments, strong holding force, robust design and flexible mounting.



**Orion (Wet)**  
**Optical safety device with wet protective housing**  
Easy to install, minimized cabling and reliable in harsh environments.

# Robotics

As a partner to ABB Robotics and a longtime member of the ISO international robotics committee, ABB Jokab Safety offers many products and solutions well suited for the robotics industry.



**Eden**  
**Non-contact sensor**  
 Easy to install, highest level of safety and high reliability.



**Quick-Guard**  
**Aluminum fencing system**  
 Endless possibilities and easy installation.



**Orion**  
**Optical safety device**  
 Advanced functionalities, easy to install and reduced downtime.



**JSHD4**  
**Three-position device**  
 Ergonomic design and anti-tamper function.



**Knox**  
**Safety lock**  
 Easy to install, highest level of safety and high reliability.



**Operators, pilot lights and signalling devices**  
**Pilot devices**  
 Robust and reliable.



**Magne**  
**Magnetic process lock**  
 Robust design, reliable in harsh environments and easy to install.



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