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

Smile emergency stop button to safely stop machinery in hazardous situations

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

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

Orion light guards for a production-friendly safety detection

Eden sensor for reliable non-contact monitoring of doors and hatches

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

Contactors and electronic compact starters to control power and motors

Operators and signalling devices for control and indication

Mats, rails and bumpers to detect the presence of people
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.
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.

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

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

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

Orion
Optical safety device
Reduce complexity, cost and downtime.

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

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

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

EStrong
Emergency stop
Robust design and reliable in harsh environments.

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.

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

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

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

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

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

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