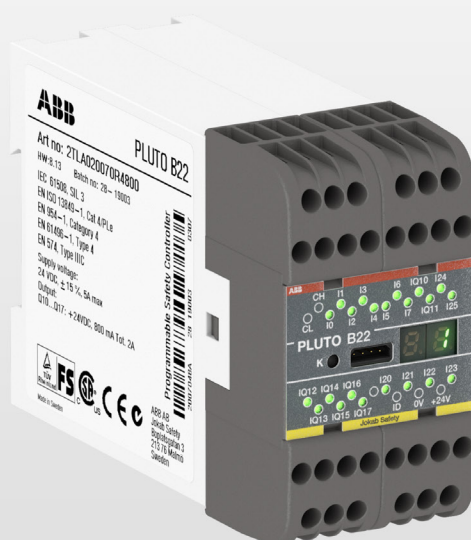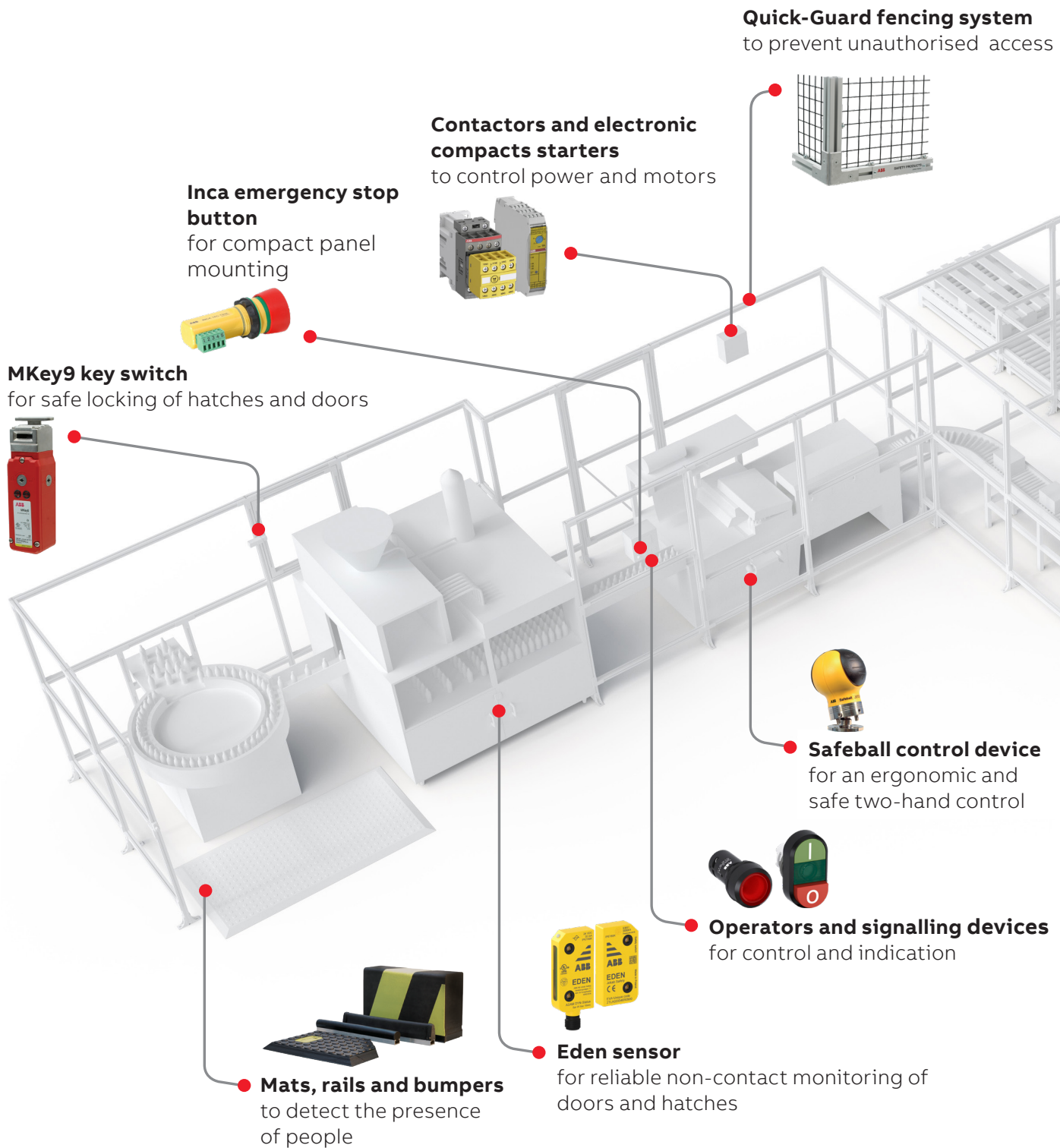SAFETY PRODUCTS

Product panorama
ABB Jokab Safety
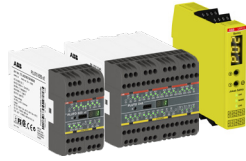
We deliver and support the world with premium, intelligent machine safety solutions.

Quick-Guard fencing system
to prevent unauthorised access

Contactors and electronic compacts starters
to control power and motors

Inca emergency stop button
for compact panel mounting

MKey9 key switch
for safe locking of hatches and doors

Safeball control device
for an ergonomic and safe two-hand control

Operators and signalling devices
for control and indication

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

Mats, rails and bumpers
to detect the presence of people

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

GKey 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 of 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 trouble shooting.

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.

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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 OEM.

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

Orion
Optical safety device
Reduce complexity, cost and downtime.

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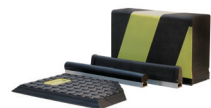**Two-hand control device**
Ergonomic design, easy to install and highest level of safety.

Smile/Inca
Emergency stop
Compact design and easy to install. LED's 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.

Food and beverage

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

Eden
Non-contact sensor
Reliable in harsh environment, 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 has 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 down-time.

GKey
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.

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ABB
Jokab Safety

www.abb.com/jokabsafety

For local contact information, please see:
new.abb.com/contact-centers