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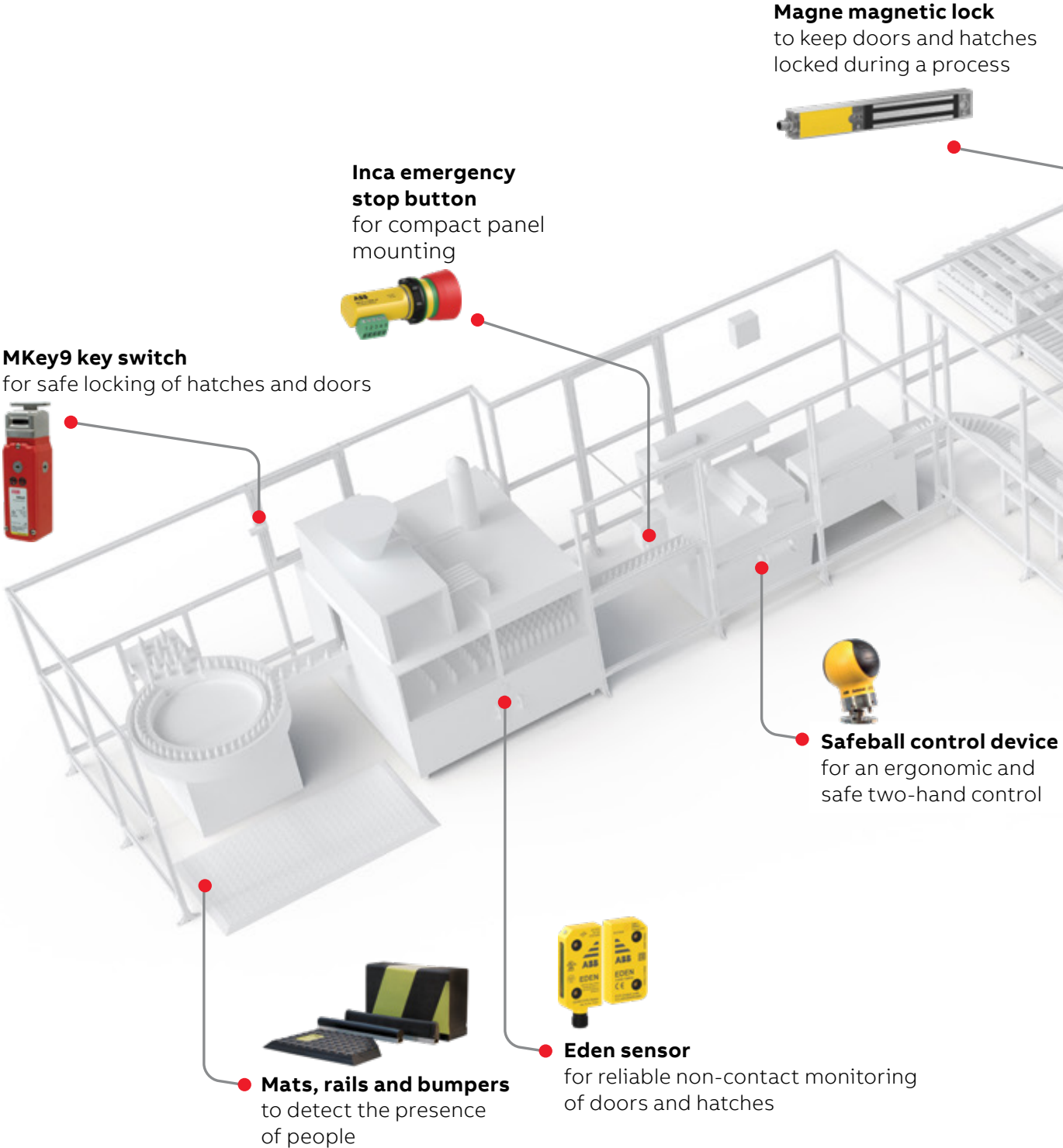
MACHINE SAFETY

Product panorama

ABB Jokab Safety Products



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



● **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 production-friendly safety detection



● **GKey safety lock** for safe locking of doors



● **LineStrong pull wire emergency stop switch** for easy access of emergency stop function



● **Three-position devices** for safe and ergonomic inspection and troubleshooting

Logic units

The ABB safety products offering includes 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 others. Models with safety bus communication simplify the design of safety systems, thanks to our All-Master concept.

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

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



Sentry



Vital



Pluto

General machinery

With a wide range of sensors and control devices, ABB Safety Products 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 provide diagnostics.



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



Magne
Magnetic process lock
 Robust and reliable design that is easy to install.



Food and beverage

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



Sense
Magnetic non-contact switch
 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.



HD5
Three-position device
 Ergonomic design, reliable in harsh environments and highest level of safety.

Robotics

Thanks to a close cooperation with ABB Robotics and as a longtime member of the ISO international robotics committee, ABB Jokab Safety Products 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.



Magne
Magnetic process lock
 Robust and reliable design that is easy to install.



Orion
Optical safety device
 Advanced functionalities, easy to install and reduced down-time.



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



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





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