

Safety Overview

Overview

Safety Overview..... 316
 Safety Product Applications 318
 Safety Components..... 320

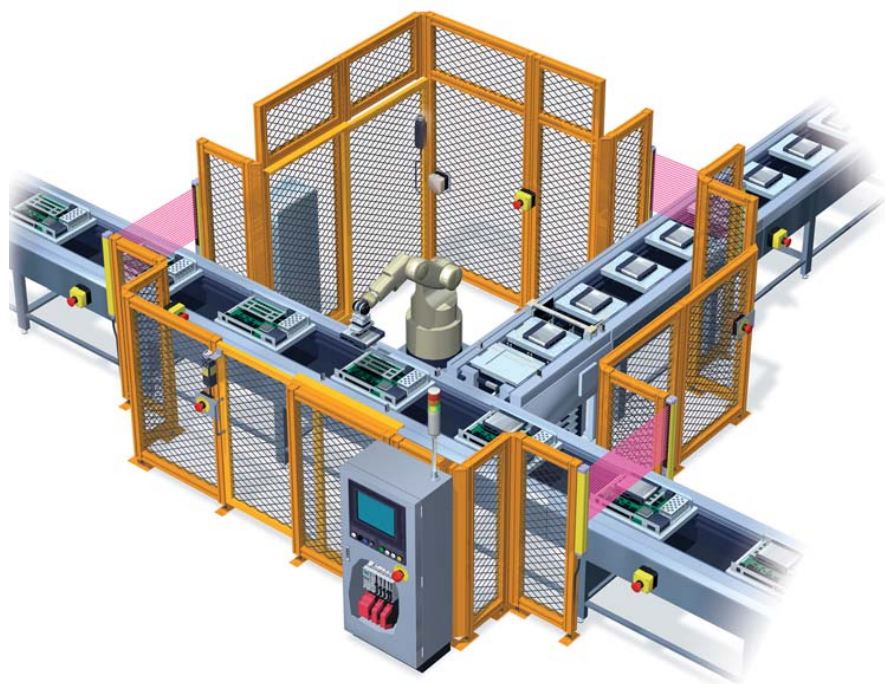
X Series E-Stops

Door Interlock Switches

Enabling Switches

Barriers

As-Interface Safety at Work



For more information on this product family, visit our website.

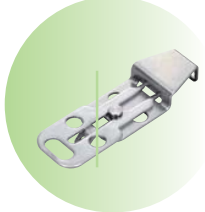
Additional resources include:

- New and updated product information
- Downloadable software demos & upgrades
- Part configuration tool & cross reference
- Online stock check & ordering
- IDEC field sales & distributor search
- Online literature request
- Downloadable manuals & CAD drawings
- Manufacturer's suggested retail price list
- Product training schedule & locations
- Advertising & trade show schedules
- Press releases & FAQs

www.idec.com/safety

Safety Overview

Safety Product Accessories



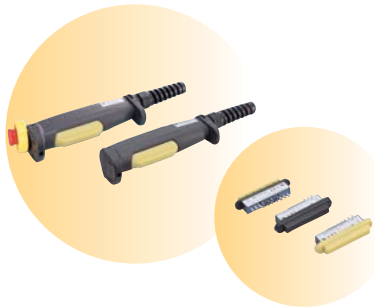
Teaching Pendant



For information on the Teaching Pendant visit www.idec.com/oi/pendant

Grip Switch / Enabling Switch

Safety devices are intended to help the operator avoid dangers of unexpected machine operation during work within hazardous areas.



Emergency Stop Switch



Padlockable type

Signalight Tower

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Safety Relay Module

This device is intended to start the machine only when the safety control system is functioning normally and safety information from safety devices (safety switch, emergency stop switch, etc.) is relayed

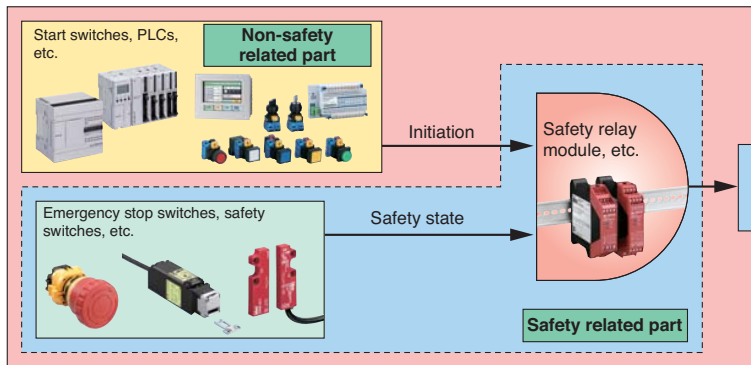


Solenoid Interlock Switch

This safety switch serves as an interlock that enables the machine to start only when the guard is closed and locked. The guard is unlocked by the solenoid.

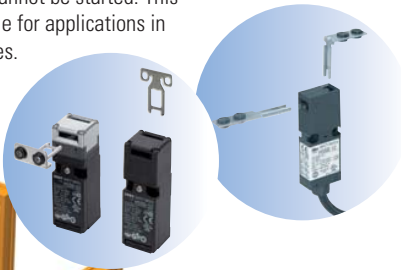


Production System



Interlock Switch

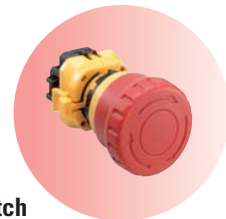
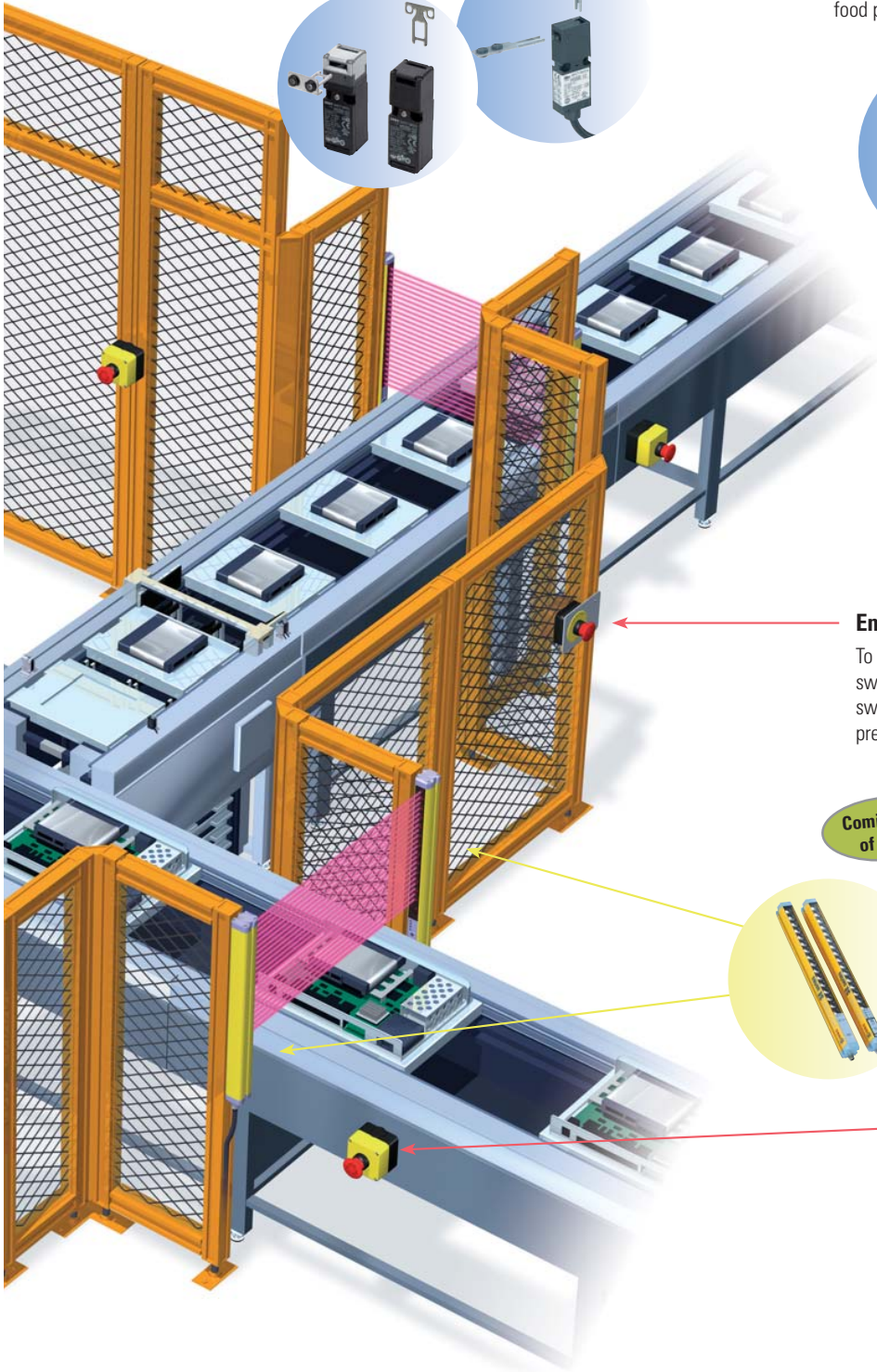
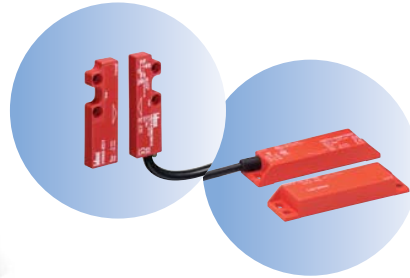
This safety switch serves as an interlock that enables the machine to start only when the guard is closed. Once the guard is opened, the machine stops or cannot be started. This safety switch is suitable for applications in limited mounting spaces.



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Non-contact Safety Interlock Switch

This safety switch is an interlock switch that can detect the open/close status of the door without mechanical contact. Taking advantage of dust-proof and water-proof construction as well as miniature size, the non-contact safety switch is suitable for semiconductor manufacturing systems, food processing systems, and assembly lines.



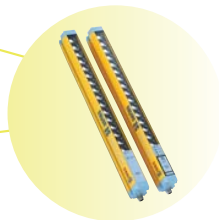
Emergency Stop Switch

To avoid accidents in an emergency, this switch is used to stop the machine. This switch provides a safety lock mechanism to prevent accidental startup of the machine.

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Safety Light Curtain

This device detects the entry of a person or object into the hazardous area by the interruption of light beams.



Emergency Stop Control Box

This control box can be mounted separate from the control panel wherever required to ensure safety.



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AS-Interface Safety at Work

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Door Interlock Switches

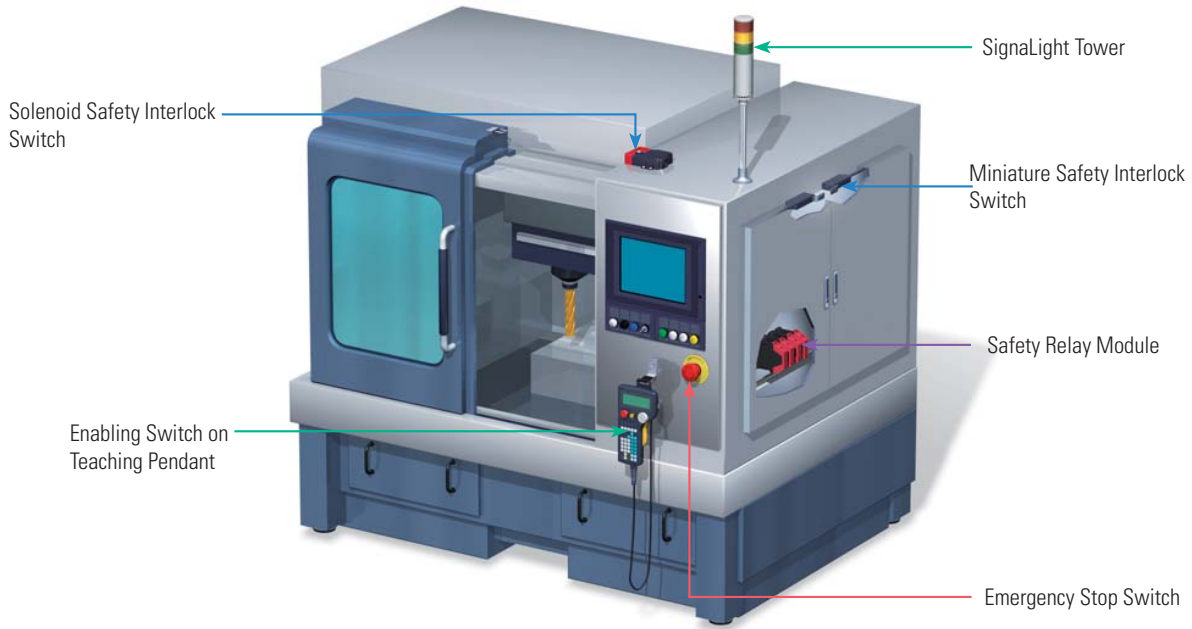
Enabling Switches

Barriers

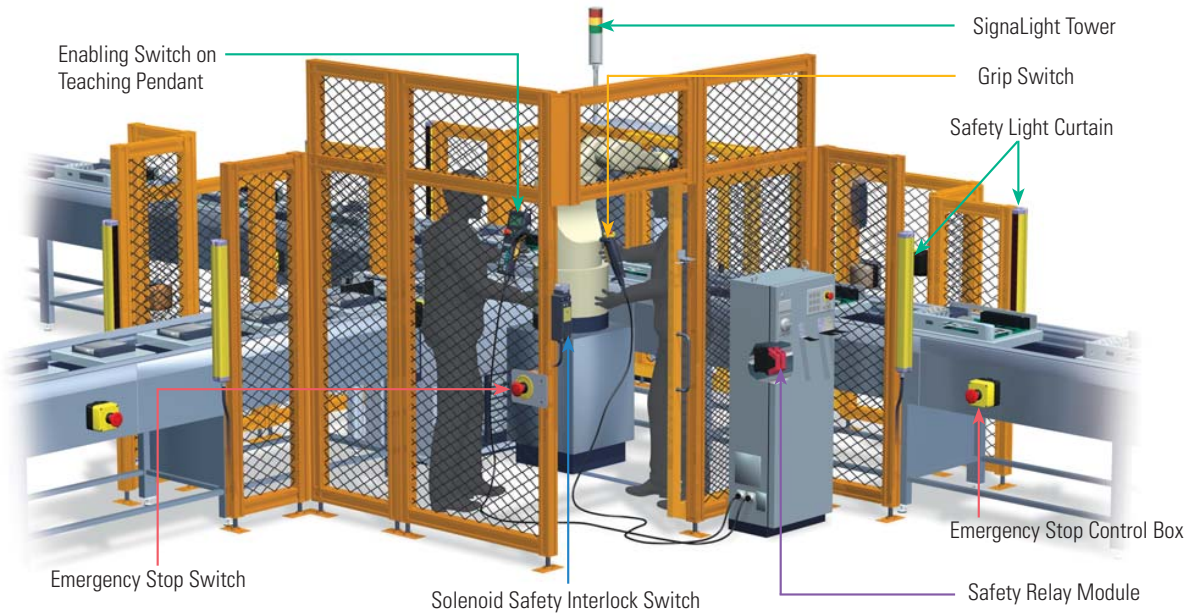
AS-Interface Safety at Work

Safety Product Applications

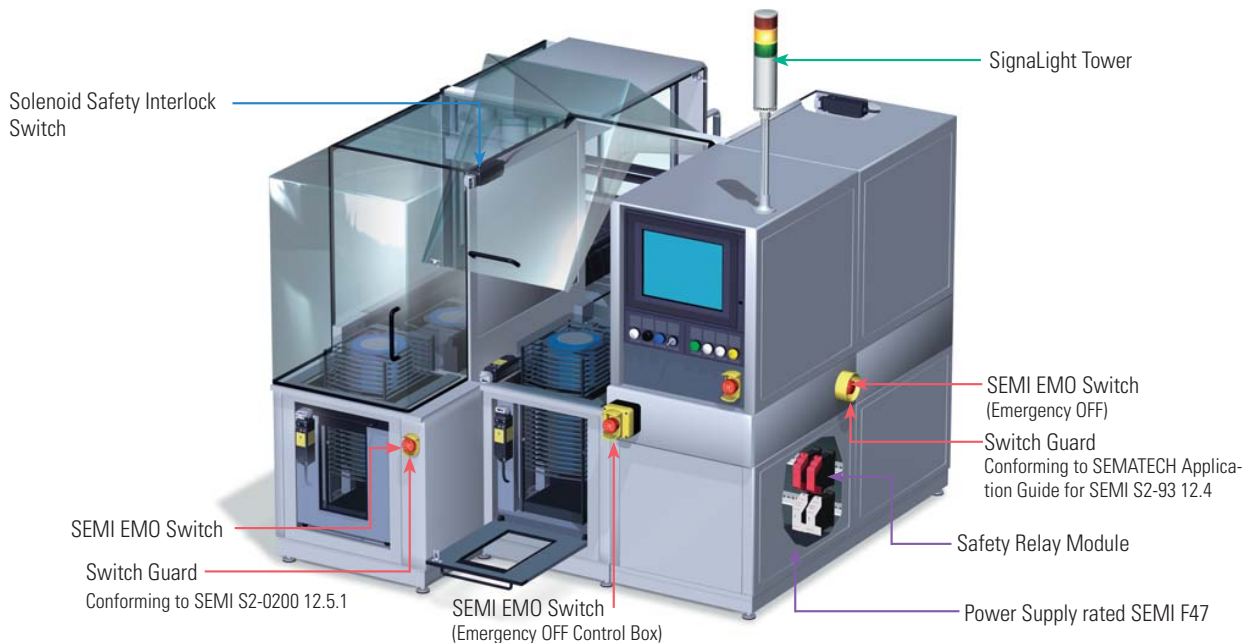
Machine Tool Environment



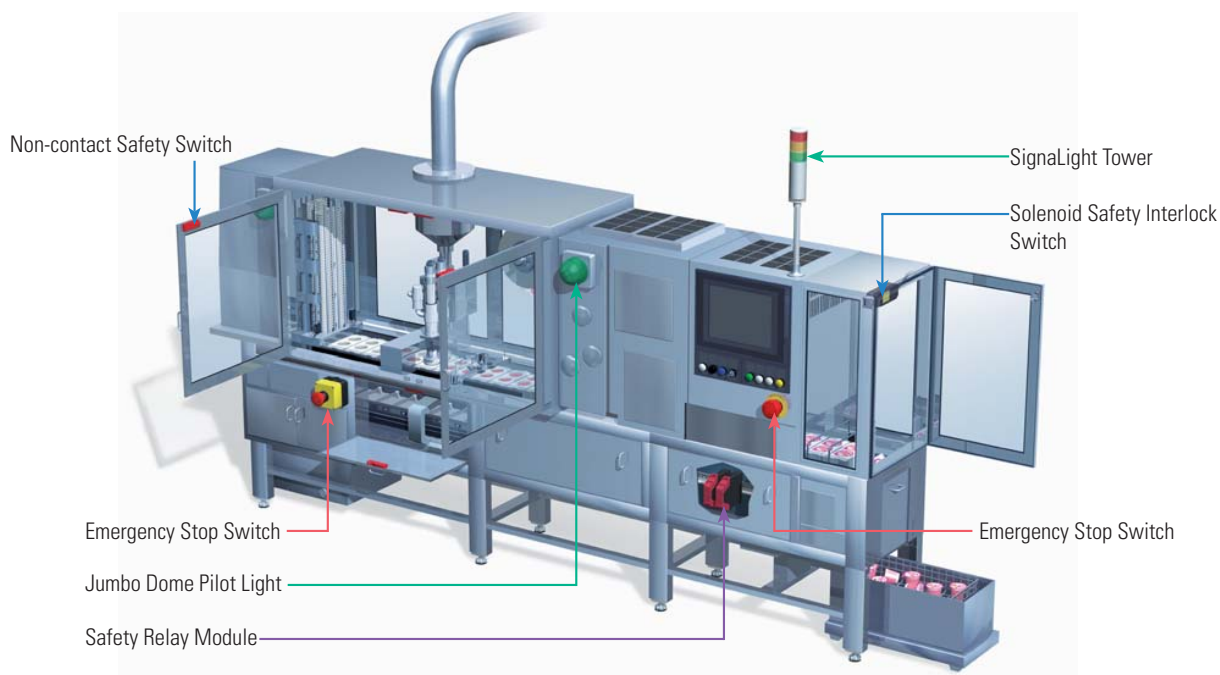
Automated Robot Assembly



Semiconductor Manufacturing System



Food Packaging System



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Safety Components

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Emergency Stop Switches



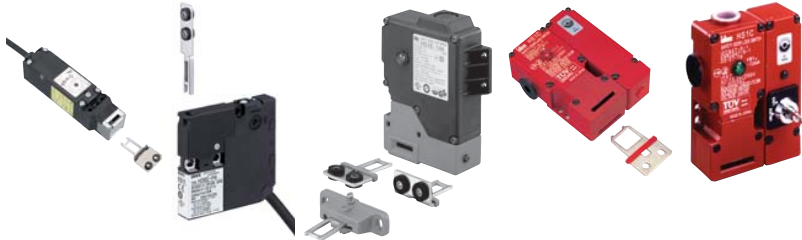
X Series E-Stops

Safety Interlock Switches



Door Interlock Switches

Solenoid Safety Interlock Switches



Enabling Switches

Enabling Switches / Grip Switches



Barriers

Safety Relay Modules



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AS-Interface Safety at Work

Non-contact Safety Switches



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Safety Light Curtains



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