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Safety Overview

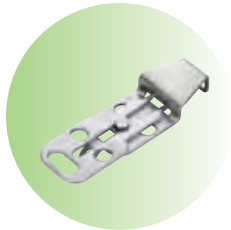


www.IDEC.com/safety



Safety Overview

Safety Product Accessories



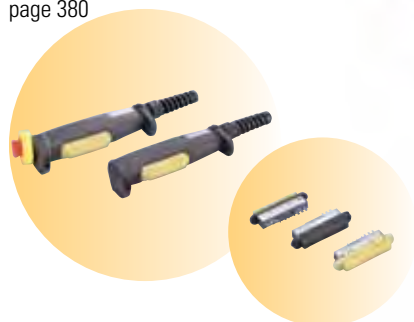
Teaching Pendant



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.
page 380



Emergency Stop Switch

page 654



Padlockable type

Solenoid Interlock Switch

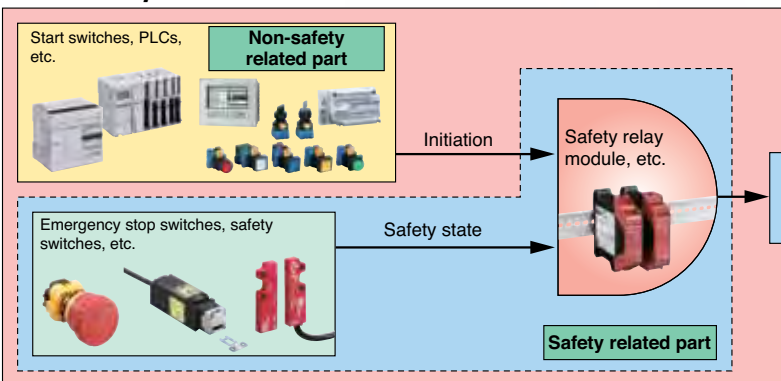
This safety switch serves as an interlock that enables the machine to start only when the guard is closed and locked. The guard is unlocked by the solenoid.
page 290



Signalight Tower

page 704

Production System



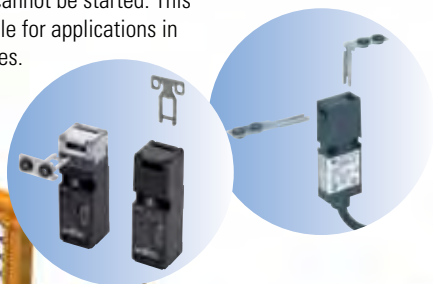
Safety Relay Module

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 to the machine.
page 393



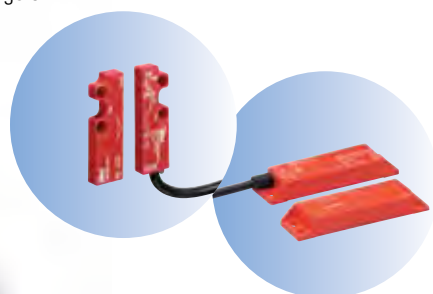
Interlock Switch

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.



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.



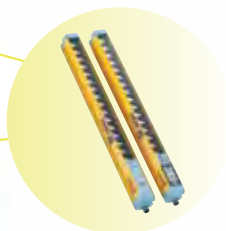
Emergency Stop Switch

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.



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.

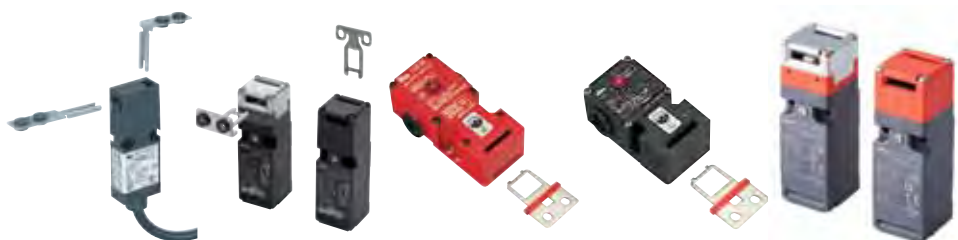


Safety Components

Emergency Stop Switches pages 259, 444, 461, 525, 558, 562, 652 & 654



Safety Interlock Switches page 271



Key Locking Safety Switches page 329



Solenoid Safety Interlock Switches page 290



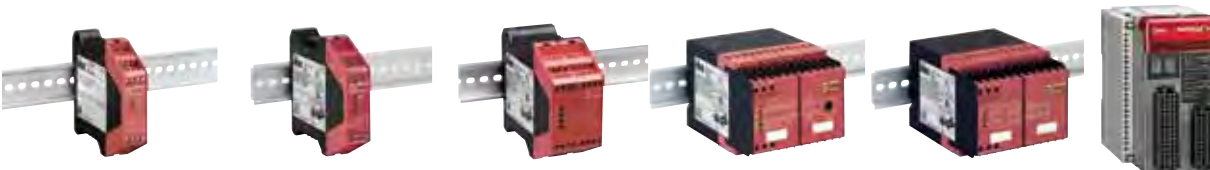
Door Handle Gate System page 354



Enabling Switches / Grip Switches page 363



Safety Control Modules page 393



Non-contact Safety Switches page 342



Safety Light Curtains page 429

