

Machine Safety In-a-Box

A wired, enclosed safety controller configured for easy connection of field devices in new and retrofit applications.

- Simplifies interfacing with safety devices
- Standardized, expandable: reduce design time and installation costs
- Field devices connect through cable gland or conduit
- Customer configured, or preconfigured
- Customer installed, or turnkey
- Use to meet applicable machine safety standards

Connect These Safety Devices to Safety In-a-Box:



Scanners



Light Curtains



E-Stops



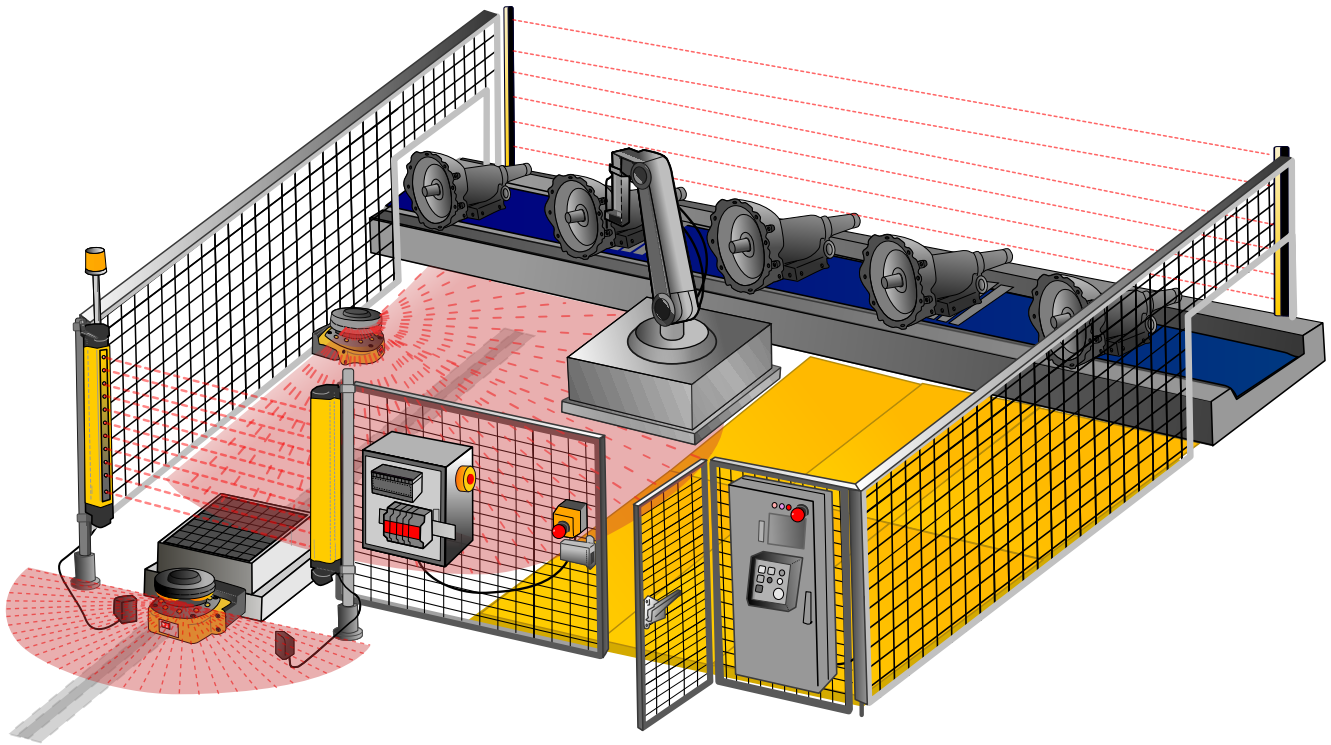
Door Switches



Safety Mats

Model Number	Description
MCC-SCB-240-06-1004-DSC	10 Safety In / 4 Safety Out / 4 Force Guided 6A Relays / E-Stop / Reset PB
MCC-SCB-240-06-2008-DSC	20 Safety In / 8 Safety Out / 8 Force Guided 6A Relays / E-Stop / Reset PB

Typical Application For Safety In-a-Box



Installing Safety In-a-Box

All Safety In-a-Box systems include at minimum a safety controller, DC power supply, and at least one set of force guided relays in a NEMA-12 16"x20"x9" enclosure. Additional options and customizations are available. AC power must be provided to the panel, and connections to most DC-powered safety components can be made through the bulkhead in the bottom of the wall-mount enclosure.

The safety controller is configured with easy to use graphical software or MCC can configure the system to your specifications. Status is communicated back to the primary controller via hardwired interlocks or optional industrial fieldbus network such as Ethernet/IP.

About Safety

Responsibility for machine safety resides solely with the buyer. The buyer must determine the suitability for a particular use of all components and systems sourced through MCC. MCC standard terms and conditions apply.

Machine Safety Services Available Through MCC:

- Plant-wide Safety Evaluations
- Stop-time Measurement Evaluations
- Safety Engineering and Design
- Custom Safety Panels to UL508A Standards
- Field Installation and Commissioning
- Training



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