

SUCCESS STORY

Safety controller for hydraulic press machine



AN ISO 9001:2015 Certified Company

Customer

Engineering Industry

Customer requirements

Prevent the accident while lift is operating for hydraulic press machine

Orchid Solution :

Safety controller

Customer Benefits

- Dual safety for hydraulic press machine.
- Interface multiple safety devices with controller
- System is fully isolated from the existing system, thus no headache from user-side
- Easy to program the safety controller.

Product features

- Inputs/Outputs : 26/2 (8 can be configured as outputs)
- Easy to use & User freindly
- Boolean logic functions for programming flexibility
- Innovative live display feature with optional Ethernet facility
- Intuitive programming for easy impletation
- Monitors a variety of inputs devices such as e-stop buttons, rope pulls, enabling devices, protective safety stops, interlock guards or gates optical sensors, two hand controls and safety mats


Products Look



Learn More

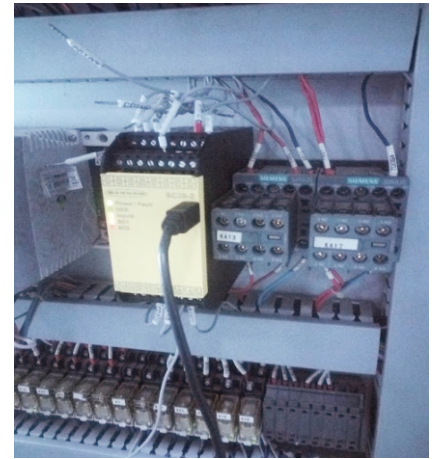
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Some other applications

- Welding stations
- Assembly stations
- Robotic automation
- End of line packaging equipments
- Safety retrofits



Application

Safety controller with dual safety for hydraulic press machine

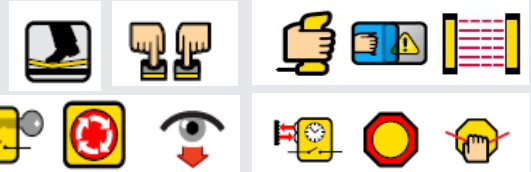
Challenge

Interfacing of Several safety devices are installed in the hydraulic press machine like Two- hand control, safety light curtains, emergency stop push buttons, safety door switches to provide additional safety.

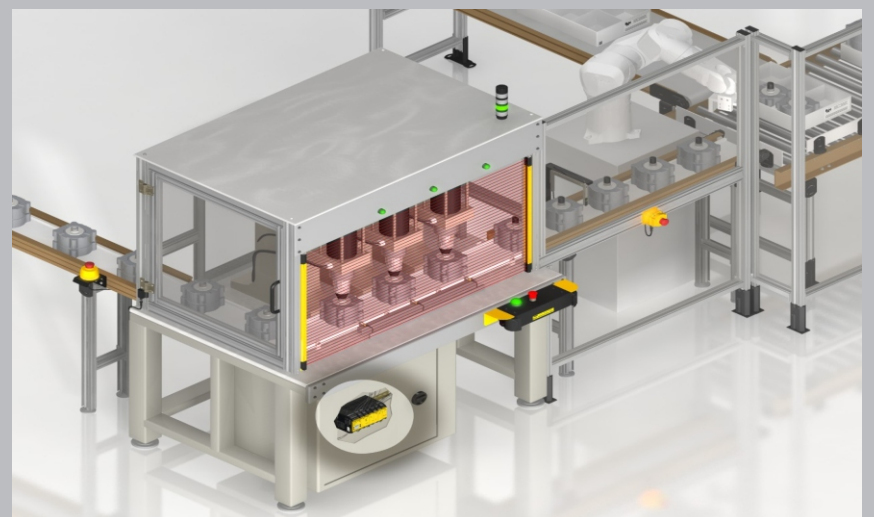
Solution

Interfacing multiple safety devices with safety controller. There are several safety functions involved with hydraulic press. The status of the safety devices needs to be communicated to operators. Status monitoring allows operators to ensure everything is running smoothly and ensure no safety hazards exist. Using output of safety controller hydraulic press machine can be stopped.

Safety input devices used in safety controllers



Pictorial View of application



Subject to modifications without prior notice

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