

EMS panels Safety retrofit for machines



Retrofit existing equipment to today's safety standards

Safety is a top priority in many manufacturing plants, yet existing equipment may not have the necessary hardware to minimize the risks associated with operation and maintenance.



EMS panel shown installed on a drill press.



EMS panel shown as an "all-in-one" panel.

Frequently, smaller equipment and older equipment is operated solely by a maintained ON/OFF control switch. A power loss when the control switch is in the ON position could result in unintended operation when the power is restored, putting operators at risk.

Additionally, most older or smaller equipment does not include an emergency stop operator, which provides a much quicker way to stop the machine in the event of an emergency.

Machinery should also be equipped with a disconnect means that can be padlocked in the OFF position during maintenance activities. This prevents operation of the panel while the equipment is being serviced.

The Eaton EMS panel is designed to be retrofitted to existing equipment. It consists of a small control panel and a pushbutton control station with a whip. A disconnect means with lock-out capability is provided on the primary control panel. The panel is rated UL® 508A, and includes a combination motor controller that is self-protected, meaning additional short-circuit protection (such as fuses or a breaker) is not required.

The panel also includes motor overload protection to protect the motor from damage due to overuse or excess heat.

The EMS panel is available as an "all-in-one" panel and also with a remote mount pushbutton station with a whip to allow for convenient operator control. The pushbutton control station includes a momentary start button that requires the equipment to be restarted should a power loss occur. A stop button is also included for normal stopping of the equipment during operation. The emergency stop includes bold red and yellow colors and is larger than the START/STOP operator to allow for increased visibility and access should an emergency occur.

The EMS panel provides a simple solution to enhance the safety of existing equipment, minimizing risk to operators and increasing overall safety of the equipment.

Need a similar but more custom solution? Eaton's Control Panel Flex Center (CPFC) can help by designing a specific solution for your needs. Contact the CPFC at 216-265-3291.

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