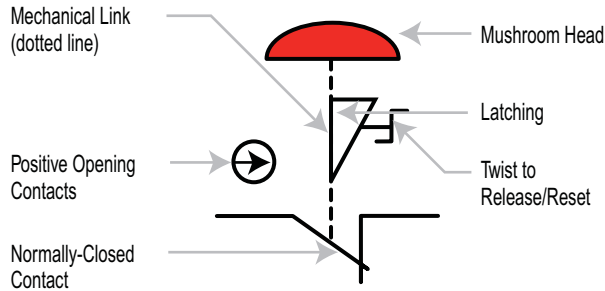


What is an E-Stop?

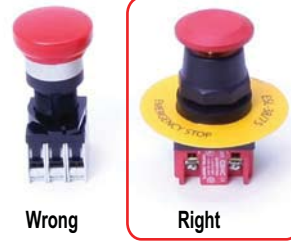
An emergency-stop (E-stop) actuator is the part of an actuating system to which an external force is applied, initiating the emergency stop sequence.



Common characteristics include the above features, as well as independent 3rd party certification.

NFPA 79, 2002 Edition

10.7.4 Emergency Stop Actuators. Actuators of emergency stop devices shall be colored RED. The background immediately around pushbuttons and disconnect switch actuators used as emergency stop devices shall be colored YELLOW. The actuator of a pushbutton-operated device shall be of the palm or mushroom-head type. The RED/YELLOW color combination shall be reserved exclusively for emergency stop applications.

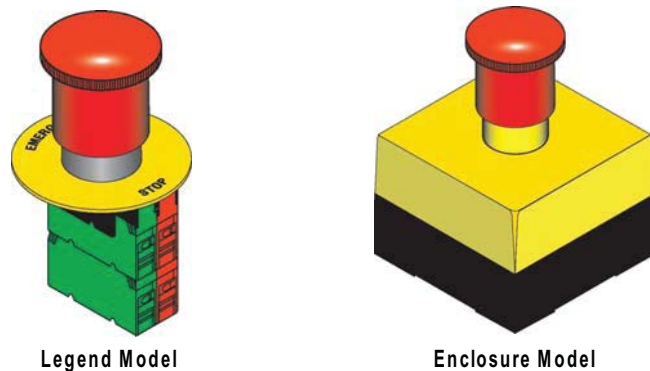


Common E-Stop Problems

- Buttons are tucked under conveyors.
- Buttons are buried within complex panels.
- Buttons are not readily accessible at operator locations.
- Complex clusters or multiple E-stops which perform different functions, are located in one location and are not clearly identified.
- Protective rings or mechanical guards hinder accessibility.
- There is no redundancy, diversity or monitoring in control schemes where risk of injury is a concern.
- Red E-stop actuators do not have a yellow background.

Improve E-Stop Safety

- Make E-stop actuators accessible.
- Add redundancy where risk of injury is a concern.
- Improve visibility.
- Improve recognition of E-stop actuators.



This RED/YELLOW combination is reserved exclusively for E-stop actuators.