

1. Local alarm systems shall be protected by fuses used only to protect the fire alarm system. Fuses shall comply with Sections 240-21 and 240-22 of the National Electrical Code, except that cartridge type fuses may be used in control panels.

2. The load on any branch circuit overcurrent device protecting a fire alarm circuit shall not exceed 12 amperes and the rating shall not exceed 15 amperes.

3. Branch circuit circuit-breakers combined with switches are not approvable for fire alarm circuit protection.

(h) Overcurrent enclosure. Connections to a source shall be made through fuses enclosed in a metal box or cabinet of a type which shall be capable of being sealed or locked. The box shall be painted fire-alarm red and bear the legend "Fire Alarm Fuses."

DIVISION 4. Systems

83-43. Operation.

All alarm bells shall, unless herein otherwise provided, operate simultaneously from any striking station or automatic detector.

(a) Silent alarm system. Silent alarm systems may, by permission of the Fire Marshal, be installed in hospitals, multi-family, or buildings of similar occupancy. Such systems shall comply with all applicable provisions of this Article.

(b) Pre-signal system. Pre-signal systems may be used only on approval of the Fire Marshal. Such systems shall comply with all applicable provisions of this Article.

(c) Existing system. Existing battery operated and other local alarm systems for fire alarm use which have been installed in accordance with the provisions of previous regulations, and which are maintained in an operable condition with bells and striking stations in such numbers and locations satisfactory to the Fire Marshal, will be considered as acceptable under these regulations until such time as their operation is unsatisfactory to the Fire Marshal. Existing fire alarm systems installed under the provisions of previous regulations may be (1) repaired; (2) extended to additional striking stations in the existing building; or (3) extended to one additional bell per floor in the existing building. The wiring method and equipment, except the bell, used in an extension of an existing fire alarm system shall conform to other provisions of this Article.

83-44. Non-coded systems.

Non-coded bell systems shall be so arranged that the bells will continue to operate after the sending of a signal from any station until that station or detector is restored manually to its normal position.