

Elevator Communication Failure Specifications



Part 1 - General

1.0 Summary

- 1.1 The Alarm Annunciator is to be located at the designated landing in the vicinity of the FIRE RECALL SWITCH. It shall include both an audible and visual signal.
- 1.2 The Alarm Annunciator shall comply with the Americans with Disabilities Act (ADA). The Alarm Annunciator shall have the ability to silence the audible alarm only (with a momentary key switch), the visual signal shall not reset unless an active phone line is detected. The audible signal must resound within a 24 hour period if a phone line has not been restored.
- 1.3 The Alarm Annunciator is to work with a RATH® model 2100 series elevator phone.

2.0 Submittals

- 2.1 Submit product data sheets. Include operation manuals, specifications, and data sheet.

3.0 Construction

- 3.1 The Alarm Annunciator shall be 24vac/dc powered.
- 3.2 The Alarm Annunciator shall be mountable behind the landing panel, flush mounted, or surface mounted.
- 3.3 The Alarm Annunciator shall be available in both brushed and mirrored finish in either Stainless Steel or Antique Bronze finish. Available in either horizontal or vertical mount.
- 3.4 The Alarm Annunciator must include an LED, an audible Piezo buzzer, a momentary key switch, alarm, and junction board.
- 3.5 The Alarm Annunciator must be in full compliance with Americans with Disabilities Act (ADA).
- 3.6 The elevator phones must be programmable to check the status of the incoming telephone line every 10 minutes up to every 23 hours. Upon failure to detect an active telephone line, the elevator phone must provide a relay contact to the Alarm Annunciator (2100-ALARM__) located at the designated landing in the vicinity of the "FIRE RECALL SWITCH".

4.0 Mounting

- 4.1 The Alarm Annunciator is to be mounted behind the landing panel, flush, or surface mounted.

5.0 Electrical

- 5.1 The Alarm Annunciator must be powered from a 24vac/dc power source.

6.0 Communications

- 6.1 The Alarm Annunciator shall be an ADA compliant and vandal resistant device.
- 6.2 The Alarm Annunciator must communicate a phone line detection failure with both an audible and visual indicator.
- 6.3 The Alarm Annunciator audible alarm shall have the ability to be silenced with the use of a momentary key switch. The audible alarm shall remain silenced no longer than a 24 hour period unless an active phone line has been detected by the 2100 series elevator phone.
- 6.4 The Alarm Annunciator visual indicator can only be silenced when the 2100 series elevator phone has detected an active phone line.
- 6.5 The Alarm Annunciator must have a LED and momentary key switch.
- 6.6 The Alarm Annunciator must accept inputs from up to (10) 2100 series elevator phones.
- 6.7 Standard alarm annunciator features:
 - 6.7.1 Ten phone inputs
 - 6.7.2 Operating temperature of between -40°F to +150°F (-40° to + 65° C)
 - 6.7.3 Audible signal
 - 6.7.4 Visual signal
 - 6.7.5 Momentary key switch input
 - 6.7.6 Behind panel, surface, or flush mount
 - 6.7.7 24vac/dc power

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7.0 Graphics

7.1 The Alarm Annunciator wording must be "Elevator Communications Failure" in red lettering.

8.0 Product Substitutions

8.1 No substitutions.

9.0 Warranty

9.1 The Alarm Annunciator shall be warranted for a period of three years.

10.0 Manufacturer

The manufacturer shall be:
RATH® Communications
N56 W24720 North Corporate Circle
Sussex, WI 53089
www.rathcommunications.com

