



2100-ALARM__ or OEM Mount - Product Specification

- Elevator Phone Line Failure Alarm Annunciator (2.27.1.1.6)

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 *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 12 or 24vac/dc powered.
- 3.2 *Alarm annunciator* shall be mountable behind the landing panel, flush mounted or surface mounted.
- 3.3 *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 *Alarm annunciator* must include a 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 *Alarm annunciator* is to be mounted behind the landing panel, flush or surface mounted.

5.0 Electrical

- 5.1 *Alarm annunciator* must be powered from either a 12 or 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 *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 *Alarm annunciator* visual indicator can only be silenced when the 2100 series elevator phone has detected an active phone line. .
- 6.5 *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 12 or 24vac/dc power

7.0 Graphics

- 7.1 *Alarm annunciator* wording must be “Elevator Communication 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® Microtech
N56W24720 North Corporate Circle
Sussex, WI 53089
www.rathmicrotech.com