SmartRescue In-Building Rescue Coordination

RATH ◯ JANUS
by AVIRE

CODE COMPLIANCE:

• ADA, ASME A17, and B44 code compliant (see below)
• Conforms to UL Standard 2017 for Attendant Monitored Signaling Devices
• Complies with Section 6.4 of UL 60950-1
• ETL Listing Number: 5013373
• Volume control handset meets ADA requirements

WIRING REQUIREMENTS:

• Run twisted and shielded 4 wire set from each SmartPhone to SmartRescue unit and one standard phone line to the outside world

ADDITIONAL FEATURES:

• Easy to use push buttons
• Passively monitor communications between elevators and the outside world via the LEDs
    1. Solid lit LED indicates there is an emergency call in progress
    2. Slow blinking LED indicates there is a call on hold
• Audible alert when elevator initiates a call to SmartRescue
• Includes relay contact that trips if any SmartPhone has been activated
• Includes connections for (2) Sub-Stations (model 2300-630SM) for Machine Room communication
• The SmartRescue is able to:
    1. Call into all or individual elevators as needed
    2. Join existing conversations between cars and outside world
    3. Hang up and original conversation will continue
    4. Terminate outside world so it is only talking to the elevator or terminate the call with all parties entirely
• Built-in battery backup recharges from 120vac power (allows for a minimum of 4 hours talk time upon power loss)
• 2 year warranty

POWER REQUIREMENTS:

• Requires a single analog (POTS, PBX, or central office phone line) or digital phone line. If used on an IP or cellular network, you must purchase an additional interface device from RATH®.
• Designed for 120vac power

PHONE CAPABILITIES:

• Telephone Line Voltage: 24V-48V

ASME A17.1 Code:
• Where the elevator travel is 60 feet (18 m) or more, two-way voice communication means within the building shall be provided and comply with the following:
    • The means shall enable emergency personnel within the building to establish two-way voice communication to each car individually. Two-way voice communications shall be established without any intentional delay and shall not require intervention by a person within the car.
    • Two-way voice communications, once established, shall be disconnected only when emergency personnel outside the car terminate the call.

Canada B44 2.27.1.1.4 & 2.3.2 Code:
• Where travel exceeds 18 m, verify conformance and operation of requirements a-d
    a) An on-site building communications station must be provided to initiate two-way voice communication into each elevator individually without delay and must not require intervention from persons in the car.
    b) The initiating of communication via the on-site building station location shall override any communications under-way between the car and any communications to outside the building.
    c) A visual signal shall acknowledge the establishment of this communications link and extinguish when the link is terminated. Only communication stations other than the in-car station can terminate an established communications link.
    d) Instructions for operation of the two-way voice communication system shall be provided at the on-site building communication station.
• An on-site communication station shall be provided and its location shall be accessible to authorized and emergency personnel as required by 2.27.1.1.1. A locked building manager's office/machine room is not an accessible location.

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2500-205D

Part #s:
- 2500-205 Up to 5 Phones, Plug-In Transformer
- 2500-205D Up to 5 Phones, Hard-Wired Transformer
- 2500-210 Up to 10 Phones, Plug-In Transformer
- 2500-210D Up to 10 Phones, Hard-Wired Transformer

Dimensions: 12.56" H x 11.6" W x 1.68" D
(4.36" D with Handset)

Design:
- Stainless Steel
- Surface mount
- Coil cord

Option: English/French face plate

2500-205PSS

Part #s:
- 2500-205PSS (Up to 5 Phones)
- 2500-210PSS (Up to 10 Phones)

Dimensions:
- Face: 13.81" H x 13.81" W x 1.68" D
(2.67" D with Handset)
- Back Box: 12.56" H x 11.6" W x 1.68" D

Design:
- Stainless Steel
- Flush mount
- Coil cord

Option: English/French face plate

 2500-205B   **2500-210B**

Part #s:
- 2500-205B (Up to 5 Phones)
- 2500-210B (Up to 10 Phones)

Dimensions: 15.07" H x 12" W x 6" D

Design:
- Powder coated steel enclosure
- Surface mount
- Coil cord
- Twist lock closure for use with Fireman's lock (not provided)

Option: English/French face plate

 2500-205FM   **2500-210FM**

Part #s:
- 2500-205FM (Up to 5 Phones)
- 2500-210FM (Up to 10 Phones)

Dimensions:
- Face: 16.11" H x 14" W x 3" D
- Back Box: 15.62" H x 12" W x 3" D

Design:
- Powder coated steel enclosure
- Flush mount
- Coil cord
- Twist lock closure for use with Fireman's lock (not provided)

Option: English/French face plate