STATE OF LOUISIANA
DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONS
OFFICE OF STATE FIRE MARSHAL CODE ENFORCEMENT AND BUILDING SAFETY
8181 INDEPENDENCE BLVD., BATON ROUGE, LA 70806
800-256-5452 225-925-4920 FAX: 225-925-4414
www.lasfm.org

DATE OF APPLICATION:

SFM ARCHITECURAL REVIEW NUMBER
PO 439408

FIRE ALARM OR FIRE SUPPRESSION SYSTEM MODIFICATION REQUEST FOR EXEMPTION

REVIEW FEE $20.00

PROJECT INFORMATION:

PROJECT TITLE FROM APPLICATION (Name of Business): EAST ST. TAMMANY CHAMBER OF COMMERCE INC.
NAME OF BUILDING/SHOPPING CENTER:
PROJECT FLOOR: 1+2
TOTAL NO OF FLOORS IN BUILDING: 2
EXEMPTION RESUBMITTAL? ___ YES _X_ NO
PREVIOUS REVIEW NUMBER:

PHYSICAL LOCATION OF PROJECT. ☒ INSIDE CITY LIMITS ☐ OUTSIDE CITY LIMITS
ADDRESS (Street/Suite): 1808 FRONT ST.
CITY: Slidell PARISH: ST. TAMMANY STATE: LA ZIP CODE: 70458

OWNER INFORMATION (or Professional of Record if applicable):

NAME: KEVIN KINCHEN SIGNATURE: [signature] LIC. NUMBER: 5590 PHONE: (985) 649.5832
MAILING ADDRESS: 584 OLD SPANISH TRAIL FAX: ( )
CITY: SLIDELL STATE: LA ZIP CODE: 70458
EMAIL ADDRESS: kevin@dummonengineering.com

FIRE PROTECTION SYSTEM INFORMATION CHECK ONE ☐ FIRE ALARM ☐ HOOD AND DUCT SYSTEM

OCCUPANCY CLASS (NFPA 101 Chapter): 39
HAZARD CLASS (Per NFPA 13):
EQUIPMENT TO BE PROTECTED:
TYPE OF AGENT IN SYSTEM:
SIZE OF EQUIPMENT:
NFPA STANDARD USED: 101/09

TYPE OF ALARM SYSTEM OR SERVICE: ☒ LOCAL ☐ REMOTE STATION ☐ AUXILIARY ☐ PROPRIETARY ☐ CENTRAL STATION ☐ EMERGENCY VOICE/ALARM SERVICE
IS ADDITIONAL POWER SUPPLY REQUIRED? ☐ YES ☒ NO
WILL ADDED DEVICES DECREASE STANDBY TIME BELOW REQUIRED LIMIT? ☐ YES ☒ NO

DEVICES
QUANTITY ____ DEVICE ____ ☐ ADDED ☐ RELOCATED ☐ REMOVED ☐ REPLACED
QUANTITY ____ DEVICE ____ ☐ ADDED ☐ RELOCATED ☐ REMOVED ☐ REPLACED

DESCRIPTION OF WORK: SYSTEM FOR ELEVATOR CAPTURE ONLY
1) IFP-50 CONTROL
4) SD 505 - APS SMOKE DETECTORS
3) SD 500 - ARM RELAY MODULES

SYSTEM CONTRACTOR/ ENGINEER/ DESIGNER (not the POR)

NAME: William P. Barnes Jr. EMPLOYEE STATE LIC. NUMBER: 2778 PHONE: (985) 419-1040
SIGNATURE: William P. Barnes Jr. FAX: (985) 419-1041
FIRM NAME: ADVANTAGE FIRE SPECIALISTS
FIRM ADDRESS: 801 S. OAK STREET HAMMOND 70403 FIRM LICENSE NUMBER: F538
CONTACT PERSON: William Barnes EMAIL ADDRESS: cfoy@advantagefirespecialists.com

447638

REPLY — FOR FIRE MARSHAL USE ONLY
PROJECT NO. 447638
REVIEWER: [signature]
DATE RECEIVED: 3-20-14

REQUEST GRANTED.
3/24/14.

☐ DENIED - RESUBMIT
☒ ACCEPTED

CONTACT THE INDICATED DISTRICT OFFICE FOR FINAL INSPECTION
☐ HEALTH CARE DIVISION
☐ BATON ROUGE 800-256-5452
☐ LAFAYETTE 800-554-0006
☐ NEW ORLEANS 888-634-7689
☐ SHREVEPORT 888-634-7682

THIS EXEMPTION REQUEST IS VALID FOR 30 DAYS FROM DATE OF RESPONSE. INSTALLATION MUST COMMENCE WITHIN THIS TIME PERIOD.

UPDATED 12/13/2010

447638

STATE OF LOUISIANA

Department of Public Safety and Corrections
Office of State Fire Marshal Code Enforcement and Building Safety
8181 Independence Boulevard
Baton Rouge, Louisiana 70806
225-925-4920

H "BUTCH" BROWNING
FIRE MARSHAL

BUILDING REHABILITATION

KEVIN KINCHEN
DAMMON ENGINEERING, INC.
554 OLD SPANISH TRAIL
SLIDELL, LA 70458-0000

RE: P0439408
SLIDELL CHAMBER OF COMMERCE
1808 FRONT ST
SLIDELL, LA 70458-0000

NFPA 101, 2009
IBC, 2009 (CHAPTERS 9 & 10)

BUSINESS

Dear Applicant:

This is to advise that we have reviewed the drawings and specifications for the subject proposed construction and have determined that they appear to satisfactorily comply with the adopted laws, codes, rules and regulations of The State Fire Marshal subject to the following requirements:

1. **Scope of Work: This review is for the renovation of an existing two-story building in Slidell. The area is affected is 8,170 sf. The scope of work is classified as Alteration - Level 2 per IEBC Section 404.**

   Classification of Work: Alteration - Level 2
   Construction Type: V-A
   Sprinkler system: Yes
   Fire Alarm System: No

   LSC:
   BUSINESS

   IBC:
   BUSINESS Group B

   IEBC 404.1 Scope. Level 2 alterations include the reconfiguration of space, the addition or elimination of any door or window, the reconfiguration or extension of any system, or the installation of any additional equipment.

   IEBC 404.2 Application. Level 2 alterations shall comply with the provisions of Chapter 6 for Level 1 alterations as well as the provisions of Chapter 7.

2. **This project as submitted has been found in part to be INSUFFICIENTLY DOCUMENTED TO DETERMINE COMPLIANCE AT THIS TIME. Provide additional documentation as required to indicate compliance with the following item(s) PRIOR TO PERMITTING, UNLESS the Building**

Official finds that the nature of the work applied for is such that compliance can be determined during inspection:

a. See item nos. 31c(1) thru 31c(5).

3. **LRS 40:1730.45.A and LAC 55:V:2601 The documentation provided for the subject facility appears to comply with The Commercial Building Energy Conservation Code based on ANSI/ASHRAE/IESNA 90.1- 2007.**

NOTE: THE COMMENTS LISTED BELOW IDENTIFY APPARENT DEFICIENCIES DETECTED IN OUR REVIEW OF THE DOCUMENTS SUBMITTED.

4. **101:7.2.1.4.2 and IBC 1008.1.2 Egress door(s) marked 203A serving an area with 50 or more occupants shall swing in the direction of egress travel. SEE SHEET A2**

NOTE: THE FOLLOWING COMMENTS IDENTIFY ISSUES FOR INFORMATIONAL AND CAUTIONARY PURPOSES OR ISSUES THAT COULD NOT BE VERIFIED IN THE SUBMITTED DOCUMENTS.

5. **This review applies to new work indicated in the drawings and does not apply to existing non-conforming conditions.**

6. **LRS 40:1731-(Effective 10/01/11) Provide access for persons with disabilities in accordance with the ADA-ABA Accessibility Guidelines, July 23, 2004 (also known as the 2010 Standards). This does not include a review for compliance with the Federal Americans with Disabilities (Civil Rights) Act of 1990. NOTE: As per ADA-ABA 2004, Section F103, Office of State Fire Marshal appeal determinations are not valid for facilities that are designed, constructed, altered, or operated with federal funds, or leased by a federal agency. The authority having jurisdiction over such appeals is the administrator of the General Services Administration (GSA). Compliance with state regulations and requirements does not guarantee compliance with federal law.**

"CAUTIONARY/INFORMATIONAL" items and paragraph references are noted as follows:

a. 606.1 Lavatories in toilet rooms and breakroom/conference room sinks shall comply with the following:

1. 606.2 Provide a clear floor space complying with 305, positioned for a forward approach, and knee and toe clearance complying with 306 shall be provided.
2. 606.3 Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches maximum above the finish floor or ground.
3. 606.4 and 309 Controls for faucets shall not require tight grasping, pinching, or twisting of the wrist.
4. 606.5 Water supply and drain pipes shall be insulated or covered.

b. 604.1 Water closets and toilet compartments shall comply with 604.2 through 604.8 as follows:

1. 604.2 The centerline of the water closet shall be 16 inches (405 mm) minimum to 18 inches (455 mm) maximum from the nearest adjacent wall (17 inches (405 mm) minimum to 19 inches (455 mm) maximum in an ambulatory accessible toilet compartment specified in 604.8.2).

2. 604.3.1 Provide a clearance around the water closet that complies with Figure 604.3.1. (NOTE: As per 604.3.2 No other fixtures or obstructions shall be located within the required water closet clearance.)
3. 604.4 The seat height above the finish floor shall be 17" minimum to 19" maximum to the top of the seat.
4. 604.5 Grab bars for water closets shall comply with 609. (Provide a 42" long grab bar adjacent to the toilet and a 36" long grab bar behind the toilet.)
5. 604.6 Flush controls shall be located on the open side of the water closet.
6. 604.7 Toilet paper dispensers shall comply with Figure 604.7.
7. 604.8.3 Coat hooks shall be located within one of the reach ranges specified in Section 308 and shelves shall be located 40" minimum and 48" maximum above the finish floor.

c. 216.2 Where signage identifies permanent rooms or spaces OR EXITS, the signage shall comply with Sections 703.1 - 703.5 (raised characters, Braille, visual characteristics, height).

d. 303 Thresholds shall comply with requirements of this section regarding changes in level. (Not more than 1/2" height and beveled if over 1/4")

e. 308.1 Reach ranges shall comply with 308 as follows:

1. 308.2.1 Where a forward reach is unobstructed, the forward reach shall comply in accordance with Figure 308.2.1.
2. 308.2.2 Where a high forward reach is over an obstruction, the forward reach shall comply in accordance with Figure 308.2.2.
3. 308.3.1 Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high reach shall comply in accordance with Figure 308.3.1.
4. 308.3.2 Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over the obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum with a high side reach in accordance with Figure 308.3.2.

f. 404.2.7 Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Hardware shall not require tight grasping, tight pinching, or twisting of the wrist to operate.

7. 101:7.2.1.5 and IBC 1008.1.9 Locks on doors in means of egress shall not require the use of a key, special device or special knowledge to open in the direction of egress.

Submit a "REQUEST FOR EXEMPTION" for special locking arrangements in accordance with Interpretive Memorandum 2009-03 available on our website at http://www.dps.louisiana.gov/sfm/ under the PLAN REVIEW / FORMS section. Also see Interpretive Memorandum 2009-04 for clarification regarding "Magnetic Lock Releasing Devices & Electrified Locks/Latches", or Interpretive Memorandum 2009-05 for clarification regarding Special Healthcare Locking Arrangements.

NOTE: The "Life Safety and Property Protection Licensing Law" (LRS 40:1664 et seq.) requires locksmiths to be licensed. Contact the licensing section of this office at 225.925.7047 for guidance and assistance.

8. 101:7.2.1.5.9 and IBC 1008.1.94 through 1008.1.9.5 Doors shall be openable with ONLY one releasing operation. A two-step release, such as a knob and an independent slide bolt, is NOT acceptable.

9. 101:7.5.2.1 and IBC 1014.2 Egress shall not be through a room subject to locking in the direction of egress.

10. 101:8.2.2.3 Fire compartments shall be formed by fire barriers that are continuous from foundation through all intervening construction to the roof deck or floor deck, from outside wall to outside wall or from fire barrier to fire barrier, including continuity through all concealed spaces, such as those found above a ceiling, including interstitial spaces.

11. 101:8.3.5 Penetrations through rated construction shall be sealed by approved firestop systems or devices tested in accordance with ASTM E-814 or ANSI/UL 1479 or by assemblies of firestopping materials capable of preventing the passage of flames and hot gases when tested and rated in accordance with NFPA 251. (This requirement applies for elevator controls on shaft walls, electrical outlets, light switches, etc.).

a) Notify the District Office identified at the end of this letter for inspection of all completed fire and/or smoke barrier walls before any construction is installed that would conceal such construction and prevent a proper inspection. Access to randomly selected areas may be required by the inspector at time of final inspection if this notification is not given.

b) Provide detailed instructive cut sheets of the fire penetration sealing system used to the inspector at time of inspection. Random selective sampling by the contractor will be observed by the inspector.

12. 101:38.3.3 Interior walls and ceilings shall have a flame spread of 0-200 and a smoke development rating of 0-450.

13. The building is provided with an automatic sprinkler system.

14. IBC 903.4.1 Alarm, supervisory and trouble signals shall be automatically transmitted to an approved proprietary alarm receiving facility, a remote station, a central station, or the fire department.

15. LRS 40:1574 and LAC 55:V:303 Submit automatic sprinkler system shop drawings with plan review application and fee prior to installation of any work to this system.

Note: See Interpretive Memorandums 2013-02 and 2013-03 for submittal requirements.

Sprinkler shop drawing submittals are required to be reviewed by the professional of record/owner before being submitted to the Office of State Fire Marshal plan review section. Shop drawings reviewed by the professional of record shall bear his/her shop drawing review stamp indicating reviewed/no exceptions taken. See Interpretive Memorandum 2013-02. In order to expedite the review process, requests by the SFM reviewer for additional information will be sent both to the professional of record/owner and the sprinkler contractor. Contractor will be permitted to respond back to the SFM reviewer and copy the professional of record/owner with their response. Additional information will not require a shop drawing review stamp. Note: this does not include the response sent as a result of Request for Information letter.

Be advised that a sprinkler system that satisfies the requirements of NFPA 101 Life Safety Code, NFPA 13, NFPA 13R and/or NFPA 13D may not necessarily be considered by the building insurance underwriters as "full coverage" or "fully sprinklered", for insurance purposes.

NFPA 13:4.3, 22.1.4 (2007 edition) Complete and submit owner's information certificate to system designer in order to identify special occupancies and commodity classifications before start of design. Form can be found in the SFM website/Building Safety/Sprinklers (http://sfm.dps.louisiana.gov/).

NFPA 13:10 Underground piping shall be installed in accordance with chapter 10. See 10.6 for specific requirements for piping run under buildings.

Fire Pump, if provided, to meet the requirements of NFPA 20, 2007 edition.

NFPA 25:4.1.2* Accessibility. The property owner or occupant shall provide ready accessibility to components of water-based fire protection systems that require inspection, testing, or maintenance.

16. **LAC 55:V:303.D Provide listed portable fire extinguishers in accordance with NFPA 10. (Refer to Appendix E for distribution information.)**

a) NFPA 10:5.2 Classifications for fires:

Class A fires-fires in ordinary combustible materials, such as wood, cloth, paper, rubber and many plastics.
Class B fires-fires in flammable liquids, combustible liquids, petroleum greases, tars. oils, oil-based paints, solvents, lacquers, alcohols and flammable gases.
Class C fires-fires that involve energized electrical equipment.
Class D fires-fires in combustible metals, such as magnesium, titanium, zirconium, sodium, lithium, and potassium.
Class K fires-fires in cooking appliances that involve combustible cooking media (vegetable or animal oils and fats.) (FOR USE ONLY AFTER ASSOCIATED FIRE SUPPRESSION SYSTEM HAS ACTIVATED AND ELECTRICAL POWER TO THE COOKING APPLIANCES HAS SHUNTED)

17. **101:9.2.1 Install smoke detectors to automatically stop the fan in HVAC duct systems over 2000 cfm in accordance with NFPA 90A:6.4.2(1). Where fire alarm system is required, duct detectors shall be connected to building alarm system.**

18. **HVAC system shall be constructed in accordance with 101:9.2.**

19. **LRS 40:1664.4 All work and inspections of life safety and property protection systems and equipment shall be performed by a contractor licensed with the appropriate endorsement by the Office of the State Fire Marshal.**

20. **LRS 40:1664.4 All work and inspections of portable fire extinguishers shall be performed by a life safety and property protection contractor licensed with the appropriate endorsement by the Office of the State Fire Marshal. Portable fire extinguishers shall be certified annually.**

a) For Inspection, see NFPA 10:6.2
b) For Maintenance, see NFPA 10:6.3
c) For Recharging, see NFPA 10:6.4

21. **Shop drawings for fire protection systems, such as Fire Alarm, Sprinklers, and Suppression Systems, that are required to be submitted to this office for review, shall be routed through the "Professional of Record's" (Architect / Engineer) office, and shall be stamped with his "Shop Drawing Review Stamp" or equivalent, indicating that shop drawings have been reviewed by him for conformance with plans, specifications, and appropriate codes.**

NOTE: THE FOLLOWING IS A REVIEW FOR COMPLIANCE WITH THE REQUIREMENTS OF THE LOUISIANA STATE UNIFORM CONSTRUCTION CODE IN ACCORDANCE WITH ACT 12 OF THE 2005 FIRST EXTRAORDINARY SESSION OF THE LOUISIANA LEGISLATURE. THIS REVIEW IS PERFORMED AT THE REQUEST OF, AND ON BEHALF OF THE JURISDICTION IN WHICH THIS PROPOSED PROJECT IS LOCATED.

This office will not be responsible for inspections to certify compliance with applicable requirements. Contact the local Building Official or a Louisiana State Uniform Construction Code Council certified third-party provider to arrange for inspections.

Codes Referenced:
2009 International Building Code (IBC) not including Chapters 1, 11, 27, and 29;
2009 International Existing Building Code (IEBC) not including Chapter 1;
2009 International Mechanical Code (IMC);
2013 Louisiana State Plumbing Code (LSPC);
2009 International Fuel Gas Code (IFGC);
2011 National Electric Code (NEC)

22. **Building Planning:**

a) Special Occupancy Areas:
There are special NO detailed requirements.

b) Incidental/Accessory Use Areas:
There is NO incidental use area and NO accessory occupancy per IBC Section 508.

c) Construction Type/Building Limitations:
The construction type is indicated to be Type V-A per IBC Section 602.
The proposed construction IS WITHIN the allowable height and area limitations of Table 503.

23. **Fire-Resistance-Rated Construction and Interior Finishes:**

a. Interior walls and ceiling finishes at exit enclosures and exit passageways shall be Class B: Flame spread 0-75 smoke-developed 0-450.

b. Interior walls and ceiling finishes at corridors shall be Class C: Flame spread 0-200; smoke-developed 0-450.

c. Interior walls and ceiling finishes at rooms and enclosed spaces shall be Class C: Flame spread 0-200; smoke-developed 0-450.

d. Fire barriers shall extend from the top of the floor/ceiling assembly below to the underside of the floor or roof slab or deck above and shall be securely attached thereto. These walls shall be continuous through concealed spaces such as the space above a suspended ceiling. Hollow vertical spaces within the fire barrier wall shall be fireblocked at every floor level, per IBC Section 707.5.

24. **Fire barriers complying with IBC Section 707 and/or horizontal assemblies in accordance with IBC Section 712 shall enclose the shaft at the elevator, per IBC Section 708.**

25. **Fire Protection Systems:**

Refer to Life Safety Code review above for fire protection system requirements.

26. **Means of Egress:**

a) Refer to Life Safety Code review above for means of egress requirements.

Additional requirements of the building code that are in excess of those cited above are as follows:

b) Each door in a means of egress from a Group A or E occupancy having an occupant load of 50 or more and any Group H occupancy shall not be provided with a latch or lock unless it is panic hardware or fire exit hardware. CONFERENCE ROOM AT LEVEL TWO.

27. Structural: THE STRUCTURE IS EXISTING

28. Plumbing Systems:
Review for compliance with the requirements of the Louisiana State Plumbing Code [Part XIV (Plumbing) of the State Sanitary Code] is performed at the request of the jurisdiction in which this proposed project is located AND on behalf of the State Health Officer. In accordance with R.S. 40:4.A(7), R.S. 40:5, and R.S. 40:1730.28.A(5), the State Health Officer and the Office of Public Health of the Department of Health and Hospitals holds the exclusive jurisdiction, control, and authority over Part XIV (Plumbing) of the State Sanitary Code. Interpretations and/or adjustments to the requirements contained in this code should be directed to that department for ruling.
NO APPARENT DEFICIENCIES DETECTED

29. Mechanical Systems:

a) Provide a lighting fixture in the Mechanical room, controlled by a switch located at the access opening. A receptacle outlet shall be provided at or near the appliance/equipment location, per IMC Section 306.3.1.

b) The minimum ventilation rate of outdoor air shall be determined in accordance with Section 403.3.

c) The ventilation air distribution system shall be provided with means to adjust the system to achieve at least the minimum ventilation airflow rate required. Ventilation systems shall be balanced by an approved method. Such balancing shall verify that the ventilation system is capable of supplying the airflow rates required by Section 403, per IMC 403.7.

d) Smoke detectors shall be installed in return air systems greater than 2000 cfm, in the return air duct or plenum upstream of any filters, exhaust air connections, outdoor air connections, or decontamination equipment and applications, per IMC 606.2.1. Where fire alarm system is required, duct detectors shall be connected to building alarm system.

30. Fuel Gas: NO WORK INDICATED, NOT REVIEWED

31. Electrical Systems:

a) A 125-volt, single-phase, 15- or 20-ampere-rated receptacle outlet shall be installed at an accessible location for the servicing of heating, air-conditioning, and refrigeration equipment. The receptacle shall be located on the same level and within 25 ft of the heating, air-conditioning, and refrigeration equipment. The receptacle outlet shall not be connected to the load side of the equipment disconnecting means.

b) Provide a disconnecting means for air-conditioning and refrigerating equipment, in accordance with NEC 440.12.

c. Plans should indicate as a minimum:

1. Receptacle and Lighting locations with circuits identified and symbol legends; CIRCUITS ARE NOT IDENTIFIED

2. Panelboard ratings & locations;

3. **Balanced panel load schedules in amps and KVA;**

4. **Size and ratings of all overcurrent protection devices;**

5. **Specify all conductor sizes in accordance with NEC 215.5, 215.2, 220.3 and annex G 80.21(a)(b)(c) requirements.**

32. **NOTE: Please ENCLOSE A COPY OF THIS LETTER WITH FUTURE SUBMITTALS OR OTHER CORRESPONDENCE pertaining to this project.**

Changes to construction in the field which are not consistent with the reviewed documents are not authorized unless reviewed by this office for compliance with Code. Modifications to reviewed plans must be submitted to this office by the Architect/Civil Engineer for review prior to final inspection. If an Architect or Civil Engineer is not required by RS 37:155, revisions shall be submitted by the Owner. Submittals shall include plans, completed application, a minimum $55.00 review fee, and a copy of the most current plan review letter.

Compliance with code requirements for fire protection systems, such as Fire Alarm, Sprinkler and Suppression Systems, is determined by separate shop drawing submittal and is not included in this review.

This review applies to work indicated in the drawings or specifications. Existing portions of the facility or building unaffected by the new work shall comply with LAC 55:103B.

This review shall in no way permit and/or authorize any omissions or deviations from the specific requirements of the adopted codes, rules and regulations in accordance with R.S. 40:1574.1(B).

This review is valid for 180 days from the date of this letter. Construction permits must be issued and/or construction must commence within this time period.

This office requires certification of the completed project in accordance with the approved documents (certificate enclosed).

Occupancy of the project will not be permitted until we receive the completed certificate and a satisfactory inspection of the completed construction has been made by this office.

To arrange for inspection of the project, please contact the District Office at the phone number below two (2) to three (3) weeks in advance. The plans stamped reviewed by this office must be available on job site at time of inspection. Certificate of completion must be provided to the inspecting Deputy for final inspection.

REVIEWED BY:
DAVID JONES
ARCHITECT

NOTE: Please call the REVIEWER identified above if you have any questions regarding this review.
Do not call the Inspection Office until you are ready for inspection.

CC:
K.b. Kaufmann & Co
East St Tammany Chamber Of Commerce
St Tammany Fire Protection District No 1*
City Of Slidell*
New Orleans District Ofc* 5045688506
City Of Slidell*
St Tammany Fire District #1*

Farenhyt

SILENT KNIGHT

by Honeywell

Intelligent Fire Alarm Control Panel

Intelligent Fire Alarm Control Panel

(IFP-50)

IFP-50 is an intelligent analog/addressable fire control panel (FACP). IFP-50 has a single line circuit (SLC) loop for connecting addressable detectors and modules and has two notification appliance circuits that can be programmed for notification outputs or auxiliary power. IFP-50 also has a built-in dual line digital fire communicator, Form C trouble relay, and two programmable Form C relays. The firmware has powerful features such as detector sensitivity, day/night thresholds, drift compensation and pre-trouble maintenance alert.

IFP-50 supports a variety of other devices that can be added to the system such as RA-100 remote annunciator, 5824 serial/parallel printer interface module (for printing system reports), and 5496 Intelligent power module, and Hochiki or Intelligent Device Protocol (IDP) devices.

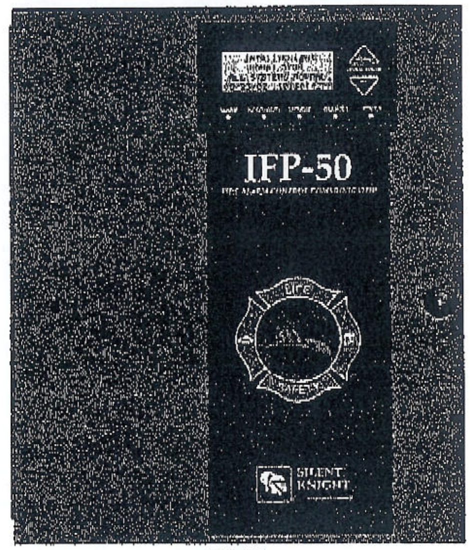
Features

- Built-in support for up to 50 Hochiki devices or 50 IDP detectors and 50 IDP modules
- Uses standard wire—no shielded or twisted pair required
- Built-in digital communicator for remote reporting of system activity and system programming
- Central station reporting by point or by zone
- Jumpstart® auto-programming
- Supports Class B (Style 4) and Class A (Style 6 or Style 7) configuration for SLC
- Distributed, intelligent power
- Built-in synchronization for appliances from AMSECO, Gentex®, Faraday, System Sensor®, and Wheelock®
- Sensor sensitivity settings and day/night sensitivity setting and automatic drift compensation
- Notification circuits can be configured as 1 Class A (Style Z), 2 Class B (Style Y), or auxiliary power for resettable, constant, or door holder power
- Built-in annunciator with a backlit 80-character LCD display
- RS-485 bus provides communication to system accessories
- Built-in RS-232 interface for programming via PC
- Built-in Form C trouble relay rated at 2.5 amps at 24 VDC
- Two built-in Form C programmable relays rated at 2.5 amps at 24 VDC
- SLC device locator can be used to locate a single or multiple devices on a SLC loop
- System automatically performs detector sensitivity test
- 13 preset notification cadence patterns (including ANSI 3.41) and four user programmable patterns
- Upload or download programming, event history, or detector status onsite or from a remote location using a PC and 5650/5651 Silent Knight Software Suite (SKSS)
- Improvements in SKSS deliver five times faster upload/downloads
- Non volatile event history stores up to 1000 events
- 125 software zones and 125 output groups

Agency Listings

MEA

429-92-E Vol. XVI



IFP-50

- 2.5 amp power supply and maximum charging capacity of 35 amp hours (An additional cabinet enclosure is required for batteries in excess of 7 amp hours).
- Programmable date setting for Daylight Saving Time

Installation

The IFP-50 is a surface mount FACP.

Compatibility

The IFP-50 SLC supports multiple device types of the *same* protocol:

- Hochiki
- IDP

You cannot mix Hochiki and IDP devices on a FACP. However, any combination of addressable devices of the same protocol can be used on the IFP-50.

Specifications

Physical

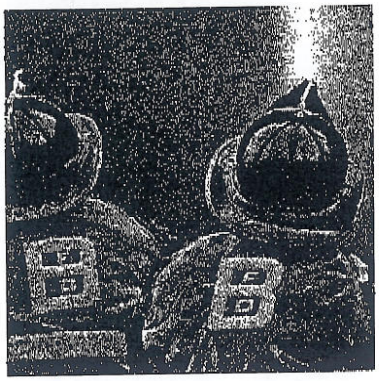
Dimensions: 12.75"W x 15.2"H x 3.4"D (36.8 W x 62.9 H x 9.8 D cm)

Weight: 11.5 lbs. (5.2 kg)

Color: Red

P/N 350328 Rev F

	L	A, M, SS, WF	C, March, NC
	RS (PPU)	A, M, SS, WF	DAC, OT, Rev Pol
5820XL (a) (b) (d)	AUX	A, M, WF	NC
	CS (PPU)	A, M, SS, WF	DAC, OT
	L	A, M, SS, WF	March, NC
	RS (PPU)	A, M, SS, WF	DAC, OT, Rev Pol
IFP-100 (a) (b) (d)	AUX	A, M, WF	NC
	CS (PPU)	A, M, SS, WF	DAC, OT
	L	A, M, SS, WF	C, March, NC
	RS (PPU)	A, M, SS, WF	DAC, OT, Rev Pol
IFP-1000 (a) (b) (d)	AUX	A, M, WF	NC
	CS (PPU)	A, M, SS, WF	DAC, OT
	L	A, M, SS, WF	March, NC
	RS (PPU)	A, M, SS, WF	DAC, OT, Rev Pol
IFP-1000HV (a) (b) (d)	AUX	A, M, WF	NC
	CS (PPU)	A, M, SS, WF	DAC, OT
	L	A, M, SS, WF	March, NC
	RS (PPU)	A, M, SS, WF	DAC, OT, Rev Pol
IFP-2000 (a) (b) (d)	AUX	A, M, WF	NC
	CS (PPU)	A, M, SS, WF	DAC, OT
	L	A, M, SS, WF	March, NC
	RS (PPU)	A, M, SS, WF	DAC, OT, Rev Pol
IFP-2000-VIP (a) (c) (d)	AUX	A, M, WF	NC
	CS (PPU)	A, M, SS, WF	DAC, OT
	L	A, M, SS, WF	March, NC
	RS (PPU)	A, M, SS, WF	DAC, OT, Rev Pol
IFP-2000HV (a) (b) (d)	AUX	A, M, WF	NC
	CS (PPU)	A, M, SS, WF	DAC, OT
	L	A, M, SS, WF	March, NC
	RS (PPU)	A, M, SS, WF	DAC, OT, Rev Pol
IFP-25, 5600 , IFP-25HV, 5600HV	AUX	A, M, WF	-
	L	A, M, SS, WF	C, NC
	RS (PPU)	A, M, SS, WF	DAC, OT, Rev Pol
	CS (PPU)	A, M, SS, WF	DAC, OT
IFP-50 (a) (d)	AUX	A, M, WF	NC
	CS (PPU)	A, M, SS, WF	DAC, OT
	L	A, M, SS, WF	C, March, NC
	RS (PPU)	A, M, SS, WF	DAC, OT, Rev Pol
IFPNET (f)	P (RU)	A, M, SS, WF	MX, OT
	P (RU)	A, M, SS, WF	MX
	CS (RU)	A, M, SS, WF	DAC



Addressable Photoelectric Type Smoke Detector

Detect smoldering fires quickly and get help fast with IntelliKnight® photoelectric smoke detectors.

IntelliKnight addressable photoelectric smoke detectors are the clear choice for commercial settings where smoldering fires are a threat. In addition to accurately detecting a smoldering fire, each SD505-APS photoelectric detector has a unique address, which is recognized by the IntelliKnight panel. No precious seconds are wasted in determining location of an alarm.

The SD505-APS compensates automatically for contamination in the environment. And detector testing is simple—even from a remote site. Like other IntelliKnight detector models, the SD505-APS offers a low profile for pleasing aesthetics. The IntelliKnight family of detectors has been designed to use a common base, Model SD505-6AB, allowing complete application and placement flexibility. Combine all this with the features you've come to expect from Silent Knight smoke detectors—easy installation, stable operation, RF/transient protection, and vandal-resistant locking—and it adds up to a flexible solution for all your fire protection needs.

Model SD505-APS Analog / Addressable Photoelectric Type Smoke Detector

The SD505-APS is particularly suited to detecting dense smoke typical of fires involving materials such as soft furnishings, plastic, foam or other similar materials which tend to smolder and produce large visible particles.

The detector features automatic compensation for contamination and a simple detector calibration test procedure that can be run from the panel or remotely (using the Windows™ based downloading software).

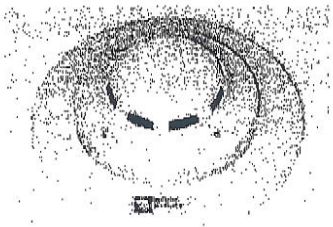
Operation

The SD505-APS units made up of an LED light source and a silicon photo diode receiving element. In a normal standby condition, the receiving element receives no light from the pulsing light source. In the event or fire, smoke enters the detector and light is reflected from the smoke particles to the receiving element.

The light received is converted into an electronic signal. Under normal conditions, the status LED blinks approximately every 15 seconds, indicating that the head is communicating with the loop. The LED lights continuously during the alarm period.

Features

- Low profile, 2 inches, including base
- Simple and reliable addressing without mechanical switches
- Automatic compensation for sensor contamination
- Built-in fire test feature
- Simple detector calibration testing through the control panel or remotely through a Windows™ based computer software.
- Vandal-resistance locking features
- Field cleanable
- UL listed, meets NFPA 72 Ch 7 requirements
- CSFM approved
- MEA approved
- FM Approved



SD505-APS Smoke Detector Specifications

Operating Voltage:	17-41 VDC
Current Consumption:	
Standby:	.55 mA
Alarm:	.55 mA
Ambient Temperature:	32°F to 120°F (0°C to 49°C)
Mounting:	4" Square, 4" OCT, Single gang mud ring
Relative Humidity:	85% noncondensing
Air Velocity:	0 - 300 FPM
Compatible Bases: (Sold Separately)	SD505-6AB (6" Base) SD505-4AB (4" Base)

SILENT KNIGHT
by Honeywell

INTELLIKNIGHT ACCESSORY

Model SD505-APS Addressable Photoelectric Type Smoke Detector

Engineering Specifications

The contractor shall furnish and install where indicated on the plans, addressable photoelectric smoke detector Silent Knight SD505-APS. The combination detector head, and twist-lock base, shall be UL® listed compatible with Silent Knight's IntelliKnight fire control panels.

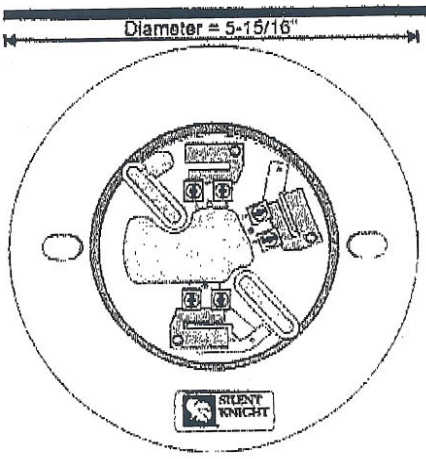
The base shall permit direct interchange with Silent Knight SD505-AIS Ionization Smoke Detector, or SD505-AHS Heat Detector. Base shall be the appropriate twist-lock base SD505-6AB.

The smoke detector shall have a flashing status LED for visual supervision. When the detector is actuated, the flashing LED will latch on steady. The detector may be reset by actuating the control panel reset switch.

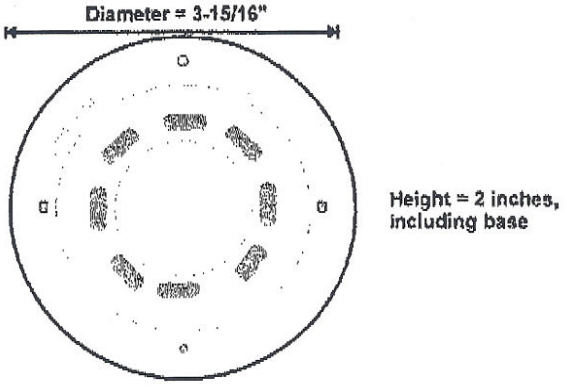
The calibration of the detector shall be capable of being selected and measured by the control panel without the need for external test apparatus.

The vandal-resistant, security locking feature shall be used in those areas as indicated on the drawing. The locking feature shall be field selectable as required.

The SD505-APS shall automatically perform a functional test of the detector. The test method shall simulate effects of products of combustion in the chamber to ensure testing of detector circuits.



Model SD505-6AB Detector Base (front view)



Model SD505-APS Detector Head (front view)

SILENT KNIGHT by Honeywell

MADE IN AMERICA

FORM# 350225 Rev C,. 05/05

ONLINE CERTIFICATIONS DIRECTORY

UROX.S6173
Smoke-automatic Fire Detectors

Page Bottom

Smoke-automatic Fire Detectors

See General Information for Smoke-automatic Fire Detectors

SILENT KNIGHT BY HONEYWELL S6173
7550 MERIDIAN CIR
MAPLE GROVE, MN 55369 USA

Detector			Compatibility	Velocity Range (fpm)	
Model	Application	Type	Restrictions	Min	Max
IDP-BEAM, IDP-BEAM-T, SK-BEAM, SK-BEAM-T					
	OAP	PB	D2		
IDP-ION, SK-ION	OAP	I	D2	0	500
IDP-PHOTO, IDP-PHOTOR, SK-PHOTO, SK-PHOTOR					
	OAP, D(I)	P	D2	0	4000
IDP-PHOTO-T, IDP-ACCLIMATE, SK-PHOTO-T, SK-ACCLIMATE					
	OAP	P(IHD)	D2	0	4000
SD400-CPS	OAP	P	D6	0	300
SD505-AIS	OAP	I	D2, D6	0	300
SD505-APS	OAP	P	D2, D6	0	300
SD505-DUCT	D(ST)	P	D2, D6	300	4000

Detector			Compatibility	Velocity Range (fpm)		Pressure Differential Between Sampling Tube	
Model	Application	Type	Restrictions	Min	Max	Min	Max
IDP-PDUCT, IDP-PDUCT-R (a)	D(ST)	P	D2	100	4000	0.03	1.4
SK-DUCT (b)(c)	D(ST)	P	D2	100	4000	0.01	1.11

Base Model	Related Detector	Control Unit Compatibility Restrictions
IDP-6AB	1151, 1151RIS, 2151, 1251, 2251, 3251, 7251, IDP-PHOTO, IDP-PHOTO-T, IDP-ION, IDP-HEAT, IDP-HEAT-HT, IDP-HEAT-ROR, IDP-ACCLIMATE	B2
SD505-4AB	SD505-AIS, SD505-APS	B2
SD505-6AB	SD505-AIS, SD505-APS	B2
SD505-6RB	SD505-AIS, SD505-APS, SD505-AHS	B2
SD505-6SB	SD505-AIS, SD505-APS, SD505-AHS	B2

B2 - For connection to Listed control units with which compatibility was determined by test or a review of circuit parameters. Interconnection and

Farenhyt

SILENT KNIGHT by Honeywell

Intelligent Device

SD500-ARM
Addressable Relay Module

General

The SD500-ARM is an addressable device that adds two Form C contacts to the Farenhyt addressable system. The contacts are rated at 2.0 amps @ 30 VDC or .6 amp @ 120 VAC. The SD500-ARM allows you to control a wide variety of normally open and normally closed applications, including elevator recall, door closing, fan operation, and auxiliary notification. And, because the relay module is addressable, these applications can be located at any point in the signaling line circuit.

Features

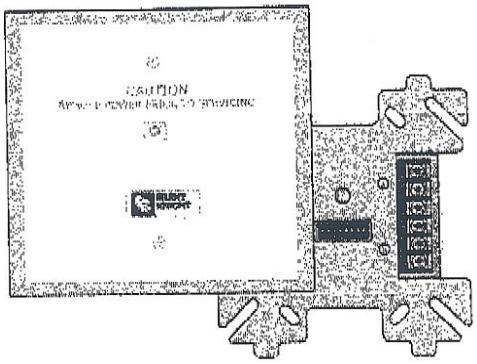
- Two sets of Form C contacts. (Double pull/Double Throw relays)
- Contacts are rated at 2A @ 30 VDC or .6A @ 120 VAC.
- Up to 127 relays can be used on each SLC loop.
- Relay programming is completely flexible—can be mapped to zone conditions.
- Polling LED visible through cover plate.
- UL listed, complies with NFPA 72.
- CSFM approved
- MEA approved
- FM approved

Specifications

Contact Rating:	Form C 2A @ 30 VDC or .6A @ 120 VAC
Standby Current:	.55 mA
Alarm Current:	.55 mA
Operating Temperature:	32°F to 120°F (0°C to 49°C)
Dimensions:	4-7/8"H x 4-7/8"W x 1"D
Mounting:	4-square

Agency Listings

MEA 429-92-E, Vol 9



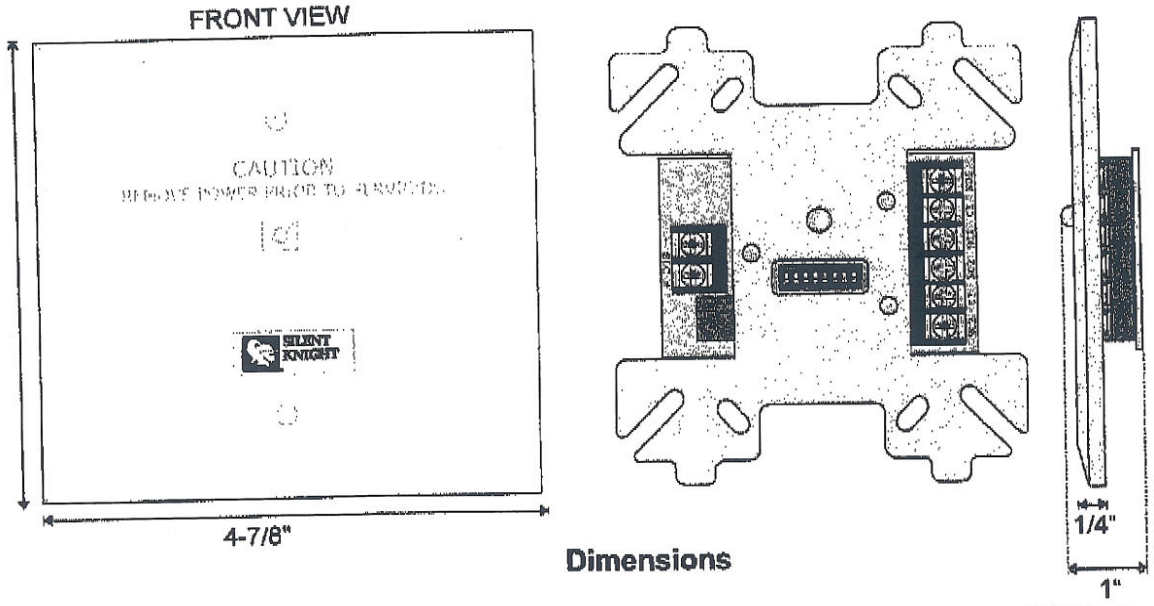
SD500-ARM

Compatible Control Panels

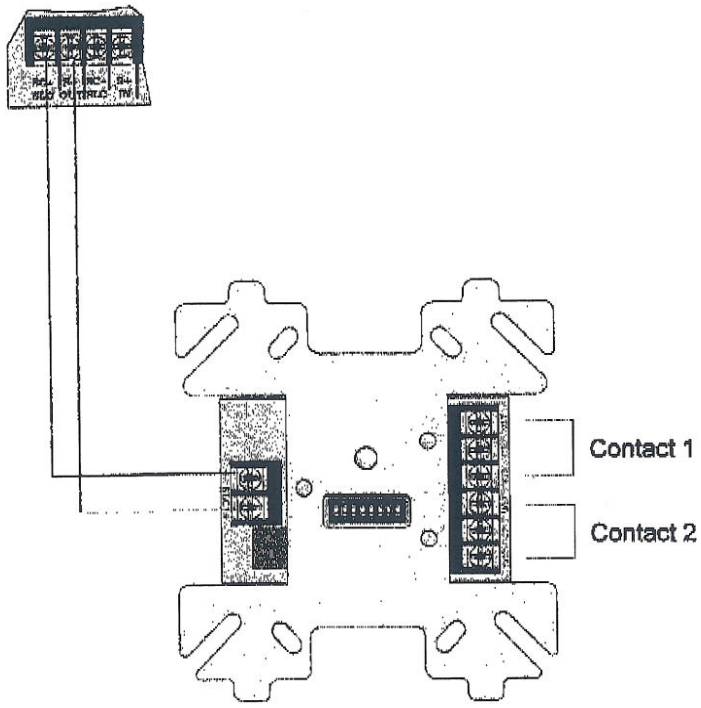
- IFP-2000
- IFP-1000
- IFP-100
- IFP-50

P/N 350219 Rev D

Model SD500-ARM



Dimensions



SD500-ARM Wiring

Underwriters Laboratories Inc.®

UOXX.S3511

Control Unit Accessories, System

See General Information for Control Unit Accessories, System

S3511

SILENT KNIGHT
HONEYWELL CO
7550 MERIDIAN CIR
MAPLE GROVE, MN 55369 USA

Accessory cabinets, Model(s) RBB, SK2190.

Addressable input modules, Model(s) SD500-AIM(f01), SD500-MIM(f01).

Addressable NAC modules, Model(s) SD500-ANM.

Audio adjunct systems, Model(s) Evax-25, Evax-50, SKE-360(f02).

Digital alarm communicator transmitters, Model(s) 5129(f04).

Direct connect modules, Model(s) 5220(f05).

Enclosures, Model(s) 5895XLCB.

End-of-line resistors, Model(s) 7628, 7630.

Indicating circuit expanders, Model(s) 5295, 5395, 5495, 5496, 5499.

LED drivers, Model(s) SD500-LED.

Line isolator devices, Model(s) SD500-LIM(f06), SD505-6IB(f06).

Monitor modules, Model(s) SD500-FRCM, SD500-FRCM-4.

Power expander/supplies, Model(s) 5895, 5895XL, RPS-1000, RPS-1000HV.

Printers, Model(s) SK320.

Relay modules, Model(s) 5883, SD500-ARM.

Remote annunciators, Model(s) 00RA-1000(XXX), 5860(f07), 5860R(f07), 5865-3(f01), 5865-4(f01),

Farenhyt

IFP-50 Calculations
Version 02.18.09

Global Project Values:

Project Name: St. Tammany Chamber
Project ID: K B
Prepared By: William Barnes
Date: 3/20/2014

Standby Hours: 24
Alarm Mins: 5
Derating Factor: 1.2
Voltage Drop Warning Threshold %: 10

Panel ID: IFP-50
Location: 1st Floor Elavator Equp. Room

Model: IFP-50 Fire Alarm Control Panel
Volts: 24 VDC

Max NAC Current: 2.5 Amps
Max Panel Current: 2.5 Amps

Part #	Description	Qty	Current Draw Standby	Current Draw Alarm	Wire AWG & Type	Ohms Per 1000 Ft.	Length(ft) One-Way	Actual Ohms	Volts @ EOL	%Drop
IFP-50	IFP-50 CTRL Panel	1	0.200	0.325						
SD500-AIM	Addr. Input Mod		0.000	0.000						
SD500-MIM	Mini-Input Module		0.000	0.000						
SD500-ARM	Addr. Relay Module	3	0.002	0.002						
SD500-PS	Addr. Pull Station		0.000	0.000						
SD505-AIS	Addr. Ion Smoke Det		0.000	0.000						
SD505-AHS	Addr. Heat Detector		0.000	0.000						
SD505-APS	Addr. Photo Smoke Det	1	0.001	0.001						
SD505-DUCTR	Addr. Duct w/Relay		0.000	0.000						
SD505-DUCT	Addr. Duct		0.000	0.000						
SD500-ANM	Addr. Notification Module		0.001	0.000						
SD500-LED	Addr. LED Module		0.000	0.000						
SD500-SDM	Addr. Smoke Det. Mod.		0.000	0.000						
SD505-6RB	Addr. Det. Relay Base		0.000	0.000						
SD505-6SB	Addr. Det. Sounder Base		0.000	0.000						
SD505-6IB	Addr. Det. Isolator Base		0.000	0.000						
SD500-LIM	Line Isolation Module		0.000	0.000						
RA-100	LCD Remote Annunc		0.000	0.000						
RA-1000	LCD Remote Annunc		0.000	0.000						
5824	Serial/Parallel Module		0.000	0.000						
5496	Power Expander		0.000	0.000						
RPS-1000	Power Expander		0.000	0.000						
5865-4	LED Annunciator (4G)		0.000	0.000						
5865-3	LED Annunciator (3G)		0.000	0.000						
5860	LED Driver Module		0.000	0.000						
5863	Relay Module		0.000	0.000						
NAC #1	Notification Appl Circuit		0.000	0.000	#12 Solid	1.59		0.00	20.40	0.00%
NAC #2	Notification Appl Circuit		0.000	0.000	#12 Solid	1.59		0.00	20.40	0.00%
	Total Standby Current (Amps)		0.203	0.327	Total Alarm Current (Amps)					
	Standby Time In Hours		24	0.083	Alarm Time In Minutes / 60		(5 Mins)			
	Total Standby AH Required		4.866	0.027	Total Alarm AH Required					
	Total Combined AH Required		4.89							
	Multiply By The Derating Factor		1.20							
	Minimum Battery AmpHours Required		5.87							

N/A

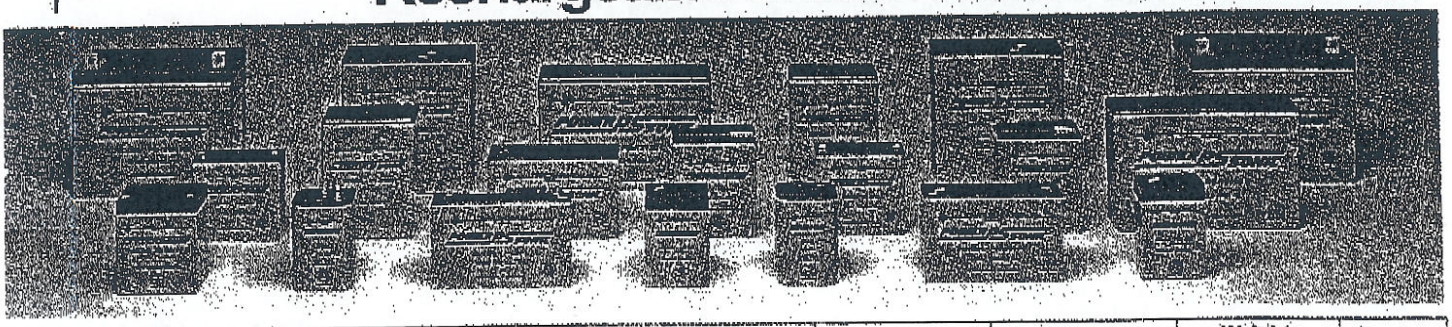
Command Shortcuts

Configure Circuits

Print Page

POWER-SONIC

Rechargeable Sealed Lead-Acid Batteries



Model	Nominal Voltage V	Nominal Capacity @ A.H.	Current @ 20 hr. rate mA	Length		Width		Height		Ht. Over Terminal		Weight		Standard Terminals
				in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	
PS-260	2	6.0	300	1.97	50	1.34	34	3.94	100	4.13	105	0.90	0.41	F1
PS-445	4	4.5	225	1.89	48	2.09	53	3.70	94	3.86	98	1.40	0.64	F2
PS-470	4	7.0	350	2.52	64	2.09	53	3.70	94	3.92	100	1.90	0.86	F1
PS-490	4	9.0	450	3.97	101	1.73	44	3.74	95	4.02	102	2.80	1.27	F2
PS-4100	4	10.0	500	4.02	102	1.97	50	3.72	94	3.92	100	3.10	1.41	F1
PS-605	6	0.5	25	2.24	57	0.55	14	1.97	50	1.97	50	0.20	0.09	WL
PS-610	6	1.0	50	2.00	51	0.65	12	2.00	51	2.20	56	0.60	0.27	F1
PS-612	6	1.3	65	3.82	97	0.94	24	2.00	51	2.19	56	0.60	0.27	F1
PS-628	6	2.8	140	2.56	66	1.30	33	3.86	98	4.06	103	1.25	0.57	F1
PS-630	6	3.0	150	5.28	134	1.34	34	2.35	60	2.56	65	1.50	0.68	F1
PS-632	6	3.2	160	2.60	66	1.20	31	4.65	118	4.80	122	1.50	0.68	F1
PS-640	6	4.5	225	2.76	70	1.89	48	4.02	102	4.25	108	1.95	0.89	F1 or WL
PS-650	6	5.0	250	2.63	67	2.63	67	3.78	96	4.28	109	2.00	0.91	SF
PS-665	6	6.5	325	3.86	98	2.20	56	4.05	103	4.05	103	3.00	1.36	FP
PS-670	6	7.0	350	5.95	151	1.84	34	3.70	94	3.86	98	3.00	1.36	F1
PS-682	6	8.0	400	3.86	98	2.20	56	4.65	118	4.65	118	3.30	1.50	F1 or WL
PS-695	6	9.5	475	4.26	108	2.75	70	5.54	141	5.54	141	4.90	2.23	FP
PS-695 Tay	6	9.5	475	4.26	108	2.75	70	5.54	141	5.54	141	4.90	2.23	TS or TH
PS-6100	6	12.0	600	5.95	151	2.00	51	3.70	94	3.86	98	4.60	2.09	F1 or F2
PS-6120	6	12.0	600	4.26	108	2.75	70	5.54	141	5.54	141	5.20	2.36	FP
PS-6120 Tay	6	12.0	600	4.26	108	2.75	70	5.54	141	5.54	141	5.20	2.36	TS or TH
PS-6200	6	20.0	1000	6.18	157	3.27	83	4.92	125	4.92	125	8.20	3.73	NB
PS-6360	6	36.0	1800	6.25	159	3.35	85	6.56	165	6.95	177	13.90	6.27	F2 or NB
PS-832	8	3.2	160	5.28	134	1.42	36	2.49	63	2.70	69	1.90	0.86	F1
PS-1208	12	0.8	40	3.78	96	0.98	25	2.42	62	2.42	62	0.80	0.36	WL
PS-1212	12	1.2	60	3.82	97	1.65	42	2.00	51	2.13	54	1.30	0.59	F1
PS-1220	12	2.2	110	7.01	178	1.34	34	2.36	60	2.56	65	1.90	0.86	F1
PS-1223	12	2.3	115	7.17	182	0.94	24	2.42	62	2.42	62	1.76	0.80	FC
PS-1229	12	2.9	145	7.01	178	1.24	34	2.36	60	2.56	65	2.20	1.00	F1
PS-1230	12	3.0	150	5.23	133	2.64	67	2.36	60	2.60	66	2.60	1.18	F1
PS-1250	12	5.0	250	3.54	90	2.75	70	4.01	102	4.20	107	4.20	1.91	F1 or F2
PS-1270	12	7.0	350	5.95	151	2.56	65	3.70	94	3.86	98	5.70	2.59	F1
PS-1282	12	8.0	400	3.86	98	4.40	112	4.65	118	4.65	118	6.70	3.05	F1
PS-12100	12	10.0	500	5.95	151	4.00	102	3.70	94	3.86	98	9.20	4.18	F1 or F2
PS-12120	12	12.0	600	5.95	151	3.86	98	3.70	94	3.94	100	9.00	4.09	F2
PS-12120L	12	12.0	600	8.38	213	2.75	70	5.50	140	5.50	140	10.70	4.86	FP
PS-12180	12	18.0	900	7.13	181	2.99	76	6.57	167	6.57	167	13.10	5.95	F2 or NB
PS-12260	12	26.0	1300	6.55	166	6.88	175	4.95	126	4.95	126	20.80	9.45	F2 or NB
PS-12280	12	28.0	1400	6.54	166	4.85	123	6.89	175	6.89	175	20.80	9.45	NB
PS-12330*	12	33.0	1650	7.70	196	5.19	132	6.10	155	7.00	178	24.00	10.91	**
PS-12400	12	40.0	2000	7.75	197	6.50	165	6.75	172	6.75	172	30.50	13.86	NB
PS-12550*	12	55.0	2750	9.04	230	5.45	138	8.15	207	8.98	228	41.10	18.68	**
PS-12750	12	75.0	3750	10.25	260	6.60	168	8.15	207	8.98	228	54.70	24.86	**
PS-121000*	12	100.0	5000	12.00	305	6.60	168	8.15	207	8.98	228	65.70	29.86	**

* Also available with handle. To order, add "H" to model number. Note: for 12550H, 12750H and 121000H overall length increases.

The PSG Series of batteries are models which correspond in size to Gates (Hawker-Sidley) batteries of the same size and capacity:

PSG-250	2	5.0	250	3.54	90	1.94	49	2.87	73	2.87	73	1.70	0.77	F2
PSG-480	4	8.0	400	3.54	90	1.94	49	4.00	102	4.00	102	2.50	1.14	F2
PSG-625	6	2.5	125	4.15	105	1.61	41	2.70	69	2.70	69	1.50	0.68	F1
PSG-650	6	5.0	250	5.28	134	1.94	49	3.00	76	3.00	76	2.50	1.14	F2
PSG-680	6	8.0	400	5.28	134	1.94	49	3.99	101	3.99	101	3.70	1.68	F2

Advantage Fire Specialists, LLC

Fax Cover Sheet

Date: 20 March 2014

Attention: Plan Review

Office No.: 225-925-4920 **Fax No.:** 225-925-4414

Number of pages including cover sheet: 21

From: Allison Barnes
Office Manager
Office No.: 985-419-1040
Fax No.: 985-419-1041
Email: cfoy@advantagefirespecialists.com

Comment:

REQUEST FOR EXEMPTION.

Thank You,

Allison Barnes

Allison Barnes