APPLICATION FOR OSHPD SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY	
APPLICATION #:	OSP – 0072 – 10

OSHPD Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: Honeywell

Manufacturer's Technical Representative: Paul Keurian

Mailing Address: 12 Clintonville Road, Northford, CT 06472

Telephone: 203.484.6405 Email: paul.keurian@honeywell.com

Product Information

Product Name: Notifier

Product Type: Fire Control Panels

Product Model Number: Custom configured. See attachments.
(List all unique product identification numbers and/or part numbers)

General Description: Wall Mounted custom Fire Control Panels with communication devices.

Mounting Description: Rigid wall mounted.

Applicant Information

Applicant Company Name: The VMC Group

Contact Person: John P. Giuliano

Mailing Address: 113 Main Street, Bloomingdale, NJ 07403

Telephone: 973-838-1780 Email: john.giuliano@thevmcgroup.com

I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2013.

Signature of Applicant: Date: 10/16/13

Title: President Company Name: The VMC Group

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

Company Name: The VMC Group

Name: Kenneth Tarlow California License Number: SE2851

Mailing Address: 113 Main St, Bloomingdale, NJ 07403

Telephone: 973-838-1780 Email: ken.tarlow@thevmcgroup.com

Supports and Attachments Preapproval

☐ Supports and attachments are preapproved under OPM- _____
(Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required)

☒ Supports and attachments are not preapproved

Certification Method

☒ Testing in accordance with: ☒ ICC-ES AC156

☐ Other (Please Specify): _____

Testing Laboratory

Company Name: UC Berkeley

Contact Name: Wesley Neighbour

Mailing Address: 1301 South 46th Street, Building 420, Richmond, CA 94804

Telephone: 510-665-3409 Email: wdn@berkeley.com

Seismic Parameters

Design in accordance with ASCE 7-10 Chapter 13: ☒ Yes ☐ No

Design Basis of Equipment or Components (F_p/W_p) = 1.50 (S_{DS} = 2.0 g, z/h = 1.0) ; 1.125 (S_{DS} = 2.5 g, z/h = 0.0)

S_{DS} (Design spectral response acceleration at short period, g) = 2.0 (z/h = 1.0) ; 2.5 (z/h = 0.0)

a_p (In-structure equipment or component amplification factor) = 2.5

R_p (Equipment or component response modification factor) = 6.0

Ω_0 (System overstrength factor) = 2.5

I_p (Importance factor) = 1.5

z/h (Height factor ratio) = 1.0 (S_{DS} = 2.0 g) ; 0.0 (S_{DS} = 2.5 g)

Equipment or Component Natural Frequencies (Hz) = See Attached Matrix

Overall dimensions and weight (or range thereof) = See Attached Matrix

Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: ☐ Yes ☒ No

Design Basis of Equipment or Components (V/W) = _____

S_{DS} (Design spectral response acceleration at short period, g) = _____

S_{D1} (Design spectral response acceleration at 1 second period, g) = _____

R (Response modification coefficient) = _____

Ω_0 (System overstrength factor) = _____

C_d (Deflection amplification factor) = _____

I_p (Importance factor) = 1.5

Height to Center of Gravity above base = _____

Equipment or Component Natural Frequencies (Hz) = _____

Overall dimensions and weight (or range thereof) = _____

Tank(s) designed in accordance with ASME BPVC, 2010: ☐ Yes ☒ No

List of Attachments Supporting Special Seismic Certification

☒ Test Report(s) ☒ Drawings ☐ Calculations ☒ Manufacturer's Catalog

☐ Other(s) (Please Specify): _____

OSHPD Approval (For Office Use Only) – **Approval Expires on December 31, 2019**

Signature: _____ Date: December 20, 2013

Print Name: Timothy J. Piland Title: SSE

Special Seismic Certification Valid Up to : S_{DS} (g) = See Application z/h = See Application

Condition of Approval (if applicable): _____

Table 1 - Full Enclosure

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
Annunciator Surface Box. Mounts one annunciator module.	ABS-1B	N/A	N/A	N/A	N/A	N/A	N/A	CRS / Polycorbonate	8.5 x 4.5 x 1.2	16 GA	1.23	Honeywell	Extrapolated
Annunciator flush box. Mounts one annunciator module.	ABF-1B	N/A	N/A	N/A	N/A	N/A	N/A	CRS	10 x 4.75 x 2.5	16 GA	2.30	Honeywell	Extrapolated
Annunciator Surface Box. Mounts two annunciator modules.	ABS-2B	N/A	N/A	N/A	N/A	N/A	N/A	CRS	8.4 x 4.4 x 2.00	16 GA	2.40	Honeywell	Extrapolated
Surface back-box for remote mounting the ACM-8R. Black.	ABS-8RB	N/A	N/A	N/A	N/A	N/A	N/A	CRS	9.93 x 4.62 x 2.5	16 GA	2.40	Honeywell	Extrapolated
Remote cabinet,	CAB-RM	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.37 x 6 x 4.5	16 GA	2.61	Honeywell	Extrapolated
Remote cabinet, Red color.	CAB-RMR	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.37 x 6 x 4.5	16 GA	2.61	Honeywell	Extrapolated
Annunciator Surface Box. Deep with trim cover.	ABS-1TB	N/A	N/A	N/A	XLS-ABS-1TB	JABS-1TB	N/A	CRS	10 x 6 x 3.5	16 GA	3.50	Honeywell	Extrapolated
Annunciator flush box. One module. With window	ABF-1DB	N/A	N/A	N/A	XLS-ABF-1DB	JABF-1DB	N/A	CRS / Polycorbonate	10.7 x 6 x 3.5	16 GA	3.60	Honeywell	Extrapolated
Annunciator flush box. Mounts two annunciator modules.	ABF-2B	N/A	N/A	N/A	XLS-ABF-2B	JABF-2B	N/A	CRS	9.18 x 9.93 x 3.75	16 GA	4.90	Honeywell	Extrapolated
Backbox, UDACT, with viewing window and optional relay mount.	UBS-1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	12.25 x 9.25 x 2.75	16 GA	4.90	Honeywell	Extrapolated
Metal enclosure with solid door for remote mounting of the UDACT-2, Red	UBS-1R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	12.25 x 9.25 x 2.75	16 GA	4.90	Honeywell	Extrapolated
Metal enclosure with solid door for remote mounting of the UDACT-2, Black	UBS-1B	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	12.25 x 9.25 x 2.75	16 GA	4.90	Honeywell	Extrapolated
Annunciator flush box. Two modules. With window	ABF-2DB	N/A	N/A	N/A	N/A	N/A	N/A	CRS / Polycorbonate	10.7 x 10.5 x 3.5	16 GA	5.10	Honeywell	Extrapolated
Optional enclosure for the UZC-256	BB-UZC	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	12.22 x 9.23 x 3.67	16 GA	5.90	Honeywell	Extrapolated
Optional enclosure for the UZC-256, red	BB-UZC-R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	12.22 x 3.23 x 6.37	16 GA	5.90	Honeywell	Extrapolated
Cabinet for two XP boards, surface mount.	BB-XP	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	12.22 x 9.23 x 3.67	16 GA	5.90	Honeywell	Extrapolated
Annunciator flush box. Mounts four annunciator modules.	ABF-4B	N/A	N/A	N/A	XLS-ABF-4B	JABF-4B	N/A	CRS	17.75 x 9.93 x 2.5	16 GA	6.70	Honeywell	Extrapolated
ACPS stand-alone Cabinet.	CAB-PS1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	15.21 x 14.5 x 2.87	16 GA	8.98	Honeywell	UUT-08
Annunciators surface (or semi-flush) mount 2 annunciators.	ABS-2D	N/A	N/A	N/A	XLS-ABS-2D	JABS-2D	N/A	CRS / Polycorbonate	12 x 12 x 5.3	16 GA	9.00	Honeywell	Interpolated
Annunciators surface (or semi-flush) mount 2 annunciators. Red	ABS-2DR	N/A	N/A	N/A	XLS-ABS-2DR	JABS-2DR	N/A	CRS / Polycorbonate	12 x 12 x 5.3	16 GA	9.00	Honeywell	Interpolated
Fire Phone storage cabinet, recessed, holds 6 phones.	FHSC-R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	17 x 13.38 x 3.25	18 GA	9.50	Honeywell	Extrapolated
Fire Phone storage cabinet, surface mount, holds 6 phones.	FHSC-S	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	17 x 13.38 x 3.25	18 GA	9.50	Honeywell	Extrapolated
Annunciators surface (or semi-flush) mount 4 annunciators.	ABS-4D	N/A	N/A	N/A	XLS-ABS-4D	JABS-4D	N/A	CRS / Polycorbonate	20 x 12 x 5.3	16 GA	12.30	Honeywell	Interpolated
Cabinet for DVC-RPU, Black	CAB-RP	N/A	N/A	N/A	XLS-CAB-RP	JCAB-RP	N/A	CRS / Polycorbonate	20 x 12 x 5	16 GA	12.40	Honeywell	UUT-03
Cabinet for DVC-RPU, Red	CAB-RPR	N/A	N/A	N/A	XLS-CAB-RPR	JCAB-RPR	N/A	CRS / Polycorbonate	20 x 12 x 5	16 GA	12.40	Honeywell	Interpolated
Annunciators surface (or semi-flush) mount 4 annunciators. Red	ABS-4DR	N/A	N/A	N/A	XLS-ABS-4DR	JABS-4DR	N/A	CRS / Polycorbonate	21 x 12 x 5.3	16 GA	13.30	Honeywell	Interpolated
Cabinet, mounts up to six XP6 boards or ACPS-610	BB-25	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	12.63 x 24 x 6.5	16 GA	19.60	Honeywell	Interpolated
Backbox with Door	FIRSTVISION-ENC	N/A	N/A	N/A	XLS-FRI-ENC	IFA-1000-ENC	N/A	CRS	22.03 x 24.63 x 3.47	16 GA	21.00	Honeywell	UUT-09 / 12
NFS Large Battery Backbox, houses up to two 55 AH batteries, black.	NFS-LBB	N/A	N/A	N/A	XLS-NFS-LBB	JNFS-LBB	N/A	CRS	14.75 x 23.75 x 8.98	16 GA	23.30	Honeywell	Interpolated
NFS Large Battery Backbox, houses up to two 55 AH batteries, red.	NFS-LBBR	N/A	N/A	N/A	XLS-NFS-LBBR	JNFS-LBBR	N/A	CRS	14.75 x 23.75 x 8.98	16 GA	23.30	Honeywell	Interpolated
Power Supply and Battery Enclosure. Mounts AMPS-24 power supply.	BB-100	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	22.5 x 30.34 x 8.5	14 GA	39.00	Honeywell	Interpolated
Same as BB-100 in red	BB-100R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	22.5 x 30.34 x 8.5	14 GA	39.00	Honeywell	Interpolated
Power Supply and Battery Enclosure. Mounts AMPS-24 power supply. Will hold four batteries.	BB-200	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	36.5 x 30.34 x 8.5	14 GA	62.20	Honeywell	UUT-10
Same as BB-200 in red	BB-200R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	36.5 x 30.34 x 8.5	14 GA	62.20	Honeywell	Extrapolated

Notes
1) All enclosures possess a similar design and undergo the same manufacturing process

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Table 2 - Full Enclosure Fire Panel

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
NFS-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board with one SLC loop, - Back-lit, 80 Character Display, System and Programming Keypad and Power supply, 120VAC, Includes door, dress panel and back box, Black.	NFS-320	N/A	N/A	AP-IQ318	XLS120	IFC-320	MX-320	CRS/PCB	18.12 x 5.81 x 18.12	16 GA backbox & 18 GA (Door)	29.50	Honeywell	UUT-11
NFS-320 same as NFS-320 with red enclosure	NFS-320R	N/A	N/A	N/A	XLS120R	IFC-320R	N/A	CRS/PCB	18.12 x 5.81 x 18.12	16 GA backbox & 18 GA (Door)	29.50	Honeywell	Extrapolated
NFS-320 same as NFS-320 listed for ULC	NFS-320C	N/A	N/A	AP-IQ318C	XLS120C	IFC-320C	MX-320C	CRS/PCB	18.12 x 5.81 x 18.12		29.50	Honeywell	Extrapolated
NFS-320, Black - 120 VAC, Portuguese	NFS-320-PO	N/A	N/A	N/A	XLS120-PO	IFC-320-PO	N/A	CRS/PCB	18.12 x 5.81 x 18.12		29.50	Honeywell	Extrapolated
NFS-320, Black - 120 VAC, Spanish	NFS-320-SP	N/A	N/A	N/A	XLS120-SP	IFC-320-SP	N/A	CRS/PCB	18.12 x 5.81 x 18.12		29.50	Honeywell	Extrapolated
NFS-320 240 VAC,	NFS-320E	N/A	N/A	AP-IQ-318E	XLS120E	IFC-320E	MX-320E	CRS/PCB	18.12 x 5.81 x 18.12		29.50	Honeywell	Extrapolated
NFS-320, Black - 240 VAC, Portuguese	NFS-320E-PO	N/A	N/A	N/A	XLS120E-PO	IFC-320E-PO	N/A	CRS/PCB	18.12 x 5.81 x 18.12		29.50	Honeywell	Extrapolated
NFS-320, Black - 240 VAC, Spanish	NFS-320E-SP	N/A	N/A	N/A	XLS120E-SP	IFC-320E-SP	N/A	CRS/PCB	18.12 x 5.81 x 18.12		29.50	Honeywell	Extrapolated
NFS-320, Black - 240 VAC, French	NFS-320C-FR	N/A	N/A	N/A	XLS120C-FR	IFC-320C-FR	N/A	CRS/PCB	18.12 x 5.81 x 18.12		29.50	Honeywell	Extrapolated

Notes
2) All NFS panels are identical except for software and color

Table 3 - Enclosure Back Box

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
Back box, flush or surface mount; requires a door & telephone chassis.	AFAWS-BX	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	15 x 8.375 x 3.375	16 GA	3.85	Honeywell	Extrapolated
AA size Backbox, black	SBB-AA4	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	13.9 x 24 x 5.218	16 GA	13.70	Honeywell	Extrapolated
AA size Backbox, red	SBB-AA4R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	13.9 x 24 x 5.218	16 GA	13.70	Honeywell	Extrapolated
Backbox, 1 chassis, black.	SBB-A4	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	20 x 24 x 5.218	16 GA	16.75	Honeywell	UUT-07
Backbox, 1 chassis, red.	SBB-A4R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	20 x 24 x 5.218	16 GA	16.75	Honeywell	Interpolated
B sized equipment box	EQBB-B4	N/A	N/A	N/A	Not Branded	Not Branded	N/A	CRS	28.12 x 24 x 5.218	16 GA	22.20	Honeywell	UUT-06
B sized equipment box, red	EQBB-B4R	N/A	N/A	N/A	Not Branded	Not Branded	N/A	CRS	28.12 x 24 x 5.218	16 GA	22.20	Honeywell	Interpolated
Backbox, 2 chassis, black.	SBB-B4	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	28.5 x 24 x 5.218	16 GA	22.20	Honeywell	Interpolated
Backbox, 2 chassis, red.	SBB-B4R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	28.5 x 24 x 5.218	16 GA	22.20	Honeywell	Interpolated
C sized equipment box	EQBB-C4	N/A	N/A	N/A	Not Branded	Not Branded	N/A	CRS	37.12 x 24 x 5.218	16 GA	27.50	Honeywell	Interpolated
C sized equipment box, red	EQBB-C4R	N/A	N/A	N/A	Not Branded	Not Branded	N/A	CRS	37.12 x 24 x 5.218	16 GA	27.50	Honeywell	Interpolated
Backbox, 3 chassis, black.	SBB-C4	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	37.125 x 24 x 5.218	16 GA	27.50	Honeywell	UUT-04 / 05
Backbox, 3 chassis, red.	SBB-C4R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	37.125 x 24 x 5.218	16 GA	27.50	Honeywell	Interpolated
D sized equipment box	EQBB-D4	N/A	N/A	N/A	Not Branded	Not Branded	N/A	CRS	45.75 x 24 x 5.218	16 GA	39.00	Honeywell	UUT-02
D sized equipment box, red	EQBB-D4R	N/A	N/A	N/A	Not Branded	Not Branded	N/A	CRS	45.75 x 24 x 5.218	16 GA	39.00	Honeywell	Interpolated
Backbox, 4 chassis, black.	SBB-D4	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	45.75 x 24 x 5.218	16 GA	39.00	Honeywell	UUT-01
Backbox, 4 chassis, red.	SBB-D4R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	45.75 x 24 x 5.218	16 GA	39.00	Honeywell	Extrapolated

Notes
3) All enclosure back boxes possess a similar design and undergo the same manufacturing process

Table 4 - Enclosure Door

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
AA size Door with window,	DR-AA4	N/A	N/A	N/A	XLS-DR-AA4	JDR-AA4	N/A	CRS / Polycarbonate	14.25 x 24.125 x 1.25	16 GA	6.40	Honeywell	Extrapolated
AA size Door with window, red	DR-AA4R	N/A	N/A	N/A	XLS-DR-AA4R	JDR-AA4R	N/A	CRS / Polycarbonate	14.25 x 24.125 x 1.25	16 GA	6.40	Honeywell	Extrapolated
AA size Door without window,	DR-AA4B	N/A	N/A	N/A	XLS-DR-AA4B	JDR-AA4B	N/A	CRS	14.25 x 24.125 x 1.25	16 GA	7.30	Honeywell	Extrapolated
AA size Door without window, red,	DR-AA4BR	N/A	N/A	N/A	XLS-DR-AA4BR	JDR-AA4BR	N/A	CRS	14.25 x 24.125 x 1.25	16 GA	7.30	Honeywell	Extrapolated
Door, Flush Mount, Key Lock.	AFAWS-KS	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	15.25 x 8.75 x .5	16 GA	2.75	Honeywell	Extrapolated
Door, Surface Mount, Key Lock.	AFAWS-KR	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	15.25 x 8.75 x .5	16 GA	2.75	Honeywell	Extrapolated
Door, Flush Mount, Latch Style Lock.	AFAWS-LR	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	15.25 x 8.75 x .5	16 GA	2.75	Honeywell	Extrapolated
Door, Surface Mount, Latch Style Lock.	AFAWS-LS	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	15.25 x 8.75 x .5	16 GA	2.75	Honeywell	Extrapolated
A Sized Door	DR-A4	N/A	N/A	N/A	XLS-DR-A4	JDR-A4	N/A	CRS / Polycarbonate	20 x 24.12 x 1.25	16 GA	10.00	Honeywell	UUT-07
A Sized Door, red	DR-A4R	N/A	N/A	ANSUL-DR-A4	XLS-DR-A4R	JDR-A4R	N/A	CRS / Polycarbonate	20 x 24.12 x 1.25	16 GA	10.00	Honeywell	Interpolated
A Sized Door, without window	DR-A4B	N/A	N/A	N/A	XLS-DR-A4B	JDR-A4B	N/A	CRS	20 x 24.12 x 1.25	16 GA	10.30	Honeywell	Interpolated
A Sized Door, without window, red	DR-A4BR	N/A	N/A	N/A	XLS-DR-A4BR	JDR-A4BR	N/A	CRS	20 x 24.12 x 1.25	16 GA	10.30	Honeywell	Interpolated
B Sized Door	DR-B4	N/A	N/A	N/A	XLS-DR-B4	JDR-B4	N/A	CRS / Polycarbonate	28.62 24.12 x 1.25	16 GA	12.30	Honeywell	Interpolated
B Sized Door, red	DR-B4R	N/A	N/A	ANSUL-DR-B4	XLS-DR-B4R	JDR-B4R	N/A	CRS / Polycarbonate	28.62 24.12 x 1.25	16 GA	12.30	Honeywell	Interpolated
Audio Door for B4 Sized back box	ADDR-B4	N/A	N/A	N/A	XLS-ADDR-B4	JADDR-B4	N/A	CRS / Polycarbonate	28.62 24.12 x 1.25	16 GA	12.30	Honeywell	Interpolated
Audio Door for B4 Sized back box, red	ADDR-B4R	N/A	N/A	N/A	XLS-ADDR-B4R	JADDR-B4R	N/A	CRS / Polycarbonate	28.62 24.12 x 1.25	16 GA	12.30	Honeywell	Interpolated
D Sized Door, without window	DR-D4B	N/A	FCI-DR-D4B	N/A	XLS-DR-D4B	JDR-D4B	N/A	CRS	28.62 24.12 x 1.25	16 GA	24.50	Honeywell	Interpolated
D Sized Door, without window, red	DR-D4BR	N/A	FCI-DR-D4BR	N/A	XLS-DR-D4BR	JDR-D4BR	N/A	CRS	28.62 24.12 x 1.25	16 GA	24.50	Honeywell	Interpolated
B Sized Door, without window	DR-B4B	N/A	N/A	N/A	XLS-DR-B4B	JDR-B4B	N/A	CRS	28.62 24.12 x 1.25	16 GA	13.75	Honeywell	Interpolated
B Sized Door, without window, red	DR-B4BR	N/A	N/A	N/A	XLS-DR-B4BR	JDR-B4BR	N/A	CRS	28.62 24.12 x 1.25	16 GA	13.75	Honeywell	Interpolated
B sized equipment box door	EQDR-B4	N/A	N/A	N/A	EQDR-B4-H	Not Branded	N/A	CRS	28.62 x 24.12 x 1.25	16 GA	11.00	Honeywell	UUT-06
B sized equipment box door, red	EQDR-B4R	N/A	N/A	N/A	EQDR-B4-HR	Not Branded	N/A	CRS	28.62 x 24.12 x 1.25	16 GA	11.00	Honeywell	Interpolated
C Sized Door	DR-C4	N/A	N/A	N/A	XLS-DR-C4	JDR-C4	N/A	CRS / Polycarbonate	37.25 x 24.12 x 1.25	16 GA	15.30	Honeywell	UUT-04 / 05
C Sized Door, red	DR-C4R	N/A	N/A	ANSUL-DR-C4	XLS-DR-C4R	JDR-C4R	N/A	CRS / Polycarbonate	37.25 x 24.12 x 1.25	16 GA	15.30	Honeywell	Interpolated
Audio Door for C4 Sized Back Box	ADDR-C4	N/A	N/A	N/A	XLS-ADDR-C4	JADDR-C4	N/A	CRS / Polycarbonate	37.25 x 24.12 x 1.25	16 GA	15.30	Honeywell	Interpolated
Audio Door for C4 Sized Back Box, red	ADDR-C4R	N/A	N/A	N/A	XLS-ADDR-C4R	JADDR-C4R	N/A	CRS / Polycarbonate	37.25 x 24.12 x 1.25	16 GA	15.30	Honeywell	Interpolated
C Sized Door, without window	DR-C4B	N/A	FCI-DR-C4B	N/A	XLS-DR-C4B	JDR-C4B	N/A	CRS	37.25 x 24.12 x 1.25	16 GA	17.80	Honeywell	Interpolated
C Sized Door, without window, red	DR-C4BR	N/A	FCI-DR-C4BR	N/A	XLS-DR-C4BR	JDR-C4BR	N/A	CRS	37.25 x 24.12 x 1.25	16 GA	17.80	Honeywell	Interpolated
C sized equipment box door	EQDR-C4	N/A	N/A	N/A	EQDR-C4-H	Not Branded	N/A	CRS	37.25 x 24.12 x 1.25	16 GA	12.00	Honeywell	Interpolated
C sized equipment box door, red	EQDR-C4R	N/A	N/A	N/A	EQDR-C4-HR	Not Branded	N/A	CRS	37.25 x 24.12 x 1.25	16 GA	12.00	Honeywell	Interpolated
D Sized Door	DR-D4	N/A	N/A	N/A	XLS-DR-D4	JDR-D4	N/A	CRS / Polycarbonate	45.87 x 24.12 x 1.25	16 GA	17.50	Honeywell	Interpolated
D Sized Door, red	DR-D4R	N/A	N/A	ANSUL-DR-D4	XLS-DR-D4R	JDR-D4R	N/A	CRS / Polycarbonate	45.87 x 24.12 x 1.25	16 GA	17.50	Honeywell	Interpolated
Audio Door for D4 Sized Back Box	ADDR-D4	N/A	N/A	N/A	XLS-ADDR-D4	JADDR-D4	N/A	CRS / Polycarbonate	45.87 x 24.12 x 1.25	16 GA	17.50	Honeywell	UUT-01
Audio Door for D4 Sized Back Box, red	ADDR-D4R	N/A	N/A	N/A	XLS-ADDR-D4R	JADDR-D4R	N/A	CRS / Polycarbonate	45.87 x 24.12 x 1.25	16 GA	17.50	Honeywell	Interpolated
D sized equipment box door	EQDR-D4	N/A	FCI –VDR	N/A	EQDR-D4-H	Not Branded	N/A	CRS	45.87 x 24.12 x 1.25	16 GA	13.00	Honeywell	UUT-02
D sized equipment box door, red	EQDR-D4R	N/A	N/A	N/A	EQDR-D4-HR	Not Branded	N/A	CRS	45.87 x 24.12 x 1.25	16 GA	13.00	Honeywell	Extrapolated

Notes
4) All enclosure doors possess a similar design and undergo the same manufacturing process

Table 5 - Dress Panel

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
ACM-32A/ACM-16AT annunciator blank plate.	ABM-1	N/A	N/A	N/A	N/A	N/A	N/A	CRS	-	-	0.30	Honeywell	Extrapolated
Blank module dress plate; used to cover annunciator positions or panel positions.	BM-1B	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.5 x 4.5 x .2	16 GA	0.70	Honeywell	Extrapolated
Blank module dress plate; used to cover annunciator positions. Also mounts some option modules.	BMP-1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.5 x 4.5 x .2	16 GA	0.70	Honeywell	UUT-01 / 05
2" filler dress plate. Used when the ADP-4B is installed in the top row of a CAB-4 Series Backbox.	VP-2B	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	1.90 X 22.62 X .25	16 GA	1.00	Honeywell	Interpolated
Dress Plate, DVC, One Row	DPA-1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.5 X 22 X .5	16 GA	1.80	Honeywell	Interpolated
Dress Plate for CA-1, supports DVC-KD with 2 annunciator positions	DPA-1A4	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.5 X 22 X .5	16 GA	1.80	Honeywell	Interpolated
Dress Plate used with CFFT-1	DP-CFFT	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.56 X 22.6 X .37	16 GA	1.80	Honeywell	Interpolated
Dress Plate, Annunciator, Mounts ACS annunciators and NCMs.	ADP-4B	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	22.5 x 8.56 x .43	16 GA	2.10	Honeywell	UUT-01 / 05
Dress plate, display, black.	DP-DISP	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	22.5 x 10.5 x .5	16 GA	2.10	Honeywell	UUT-07
Blank module dress plate; Used to cover annunciator positions.	ADP2-640	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	22.5 x 8.56 x .6	16 GA	2.20	Honeywell	Interpolated
Dress Plate used when CPU2-640 is mounted on top row.	DP-DISP2	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	22.5 x 10.5 x .6	16 GA	2.20	Honeywell	UUT-05
Battery Dress Panel for CAB-4 Series	BP2-4	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	22.5 x 8.7 x .5	16 GA	2.60	Honeywell	UUT-01
Dress panel blank; covers unused cabinet row(s), painted black.	DP-1B	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.5 X 22 X .5	16 GA	3.80	Honeywell	UUT-01
Blank Dress Plate for CA-2. Used with NFS2-640, NFS2-640E	BP-CA2	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	22.7 x 19 x .5	16 GA	4.90	Honeywell	Interpolated
Dress Plate, DVC, Two Rows	DPA-2B	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	17.91 X 22.59 X 1.25	16 GA	5.90	Honeywell	UUT-01

Notes
5) All dress panels possess a similar design and undergo the same manufacturing process

Table 6 - Chassis

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
Chassis to mount IP communicator	IPCHSKIT	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Alumn	4.37 x 6.85 x .37	0.06	0.20	Honeywell	UUT-05
Retro-fit plate for mounting NCA2 on a ADP-4B or in an ABS-4B enclosure	NCA-2RETRO	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	1 x 7 x .5	16 GA	0.30	Honeywell	Interpolated
Kit for mounting NCA-2 to the CHS2-M2 chassis for the NFS2-640.	NCA/640-2-KIT	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	10.3 x .63 x.43	16 GA	0.32	Honeywell	Interpolated
Microphone assembly for mounting in an CAB-RM cabinet.	RM-1SA	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.25 x 3.5 x 2.12	17 GA	1.30	Honeywell	Interpolated
Chassis to mount NCA-2 in ABS-2D	CHS-2D	N/A	N/A	N/A	N/A	N/A	N/A	CRS	10.5 x 8 x 2.5	16 GA	1.50	Honeywell	Interpolated
Microphone assembly for mounting to an ADP-4 dress panel.	RM-1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.5 x 4.5 x 3.5	16 GA	2.20	Honeywell	Interpolated
Microphone and well for CAB-RP	CMIC-RP	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.5 x 4.5 x 3.75	16 GA	2.30	Honeywell	UUT-03
Chassis, DVC, One Row	CA-1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	19 x 7.09 x 2.25	16 GA	2.35	Honeywell	Interpolated
Chassis assembly. Mounts XPIQ-PS and/or CHS-BH in a CAB-3/4 Row. Can also mount one ACPS-610 in CAB-3 row.	CHS-PS	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	7.562x 19.25 x .37	16 GA	2.40	Honeywell	Interpolated
Battery Holder. Holds up to two BAT-12120 12 AH batteries when mounted on the CHS-PS chassis.	CHS-BH	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	7.13 x 9.99 x 4.44	16 GA	2.50	Honeywell	Interpolated
Chassis bridge. Provides a bridge between CHS series chassis.	CB-1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	12 x 20 x 1	16 GA	2.53	Honeywell	Interpolated
Chassis, 12AH Battery Holder, for use with DAA- numbers	CHS-BH1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	8.5 x 6.5 x 4.8	16 GA	2.70	Honeywell	UUT-06
Chassis, low profile,	CHS-4L	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	19 x 7 x 2.3	16 GA	2.80	Honeywell	UUT-01 / 05
Chassis, mounts up to 6 XP-6 modules in a BB-25 or a row of the CAB-3/4 series cabinet; also mounts ACPS-610.	CHS-6	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	19 x 7.5 x 2.2	16 GA	3.00	Honeywell	UUT-05
Chassis, mounts up to four modules.	CHS-4	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	19 x 7 x 4	16 GA	3.50	Honeywell	UUT-01
Mounting Chassis, used for CPU-3030, CPU2-3030, and NCA-2.	CHS-M3	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	19 x 8 x 4.5	16 GA	4.00	Honeywell	UUT-07
Chassis with Paging Microphone with well; used with CA-1	CMIC-1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	6.1 x 8.01 x 4.94	16 GA	4.40	Honeywell	UUT-01
2nd Row chassis assembly. Includes MP-1B, CHS-4N ("N" is the CHS-4 with different depth), and expander ribbon cable.	CHS-4MB	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	19 x 6.87 x 4.3	16 GA	5.50	Honeywell	Interpolated
Single new chassis for mounting FireFighter's Telephone. Includes CFFT-1 chassis, phone well, TELH-1 and hardware.	CFFT-1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	6.89 x 18.312 x 2.12	16 GA	6.70	Honeywell	Interpolated
Chassis, DVC, Two Rows, includes MIC-1; Use ADDR-XX Doors	CA-2	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS	19 x 16 x 4.5	16 GA	14.00	Honeywell	UUT-01

Notes
6) All chassis possess a similar design and undergo the same manufacturing process

Table 7 - Amplifier

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
Back-up Digital Amplifier for 25 volt DAX or DAA2 series	BDA-25V	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4.2 x 1.2	N/A	0.50	Honeywell	Extrapolated
Back-up Digital Amplifier for 70 volt DAX or DAA2 series	BDA-70V	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4.2 x 1.2	N/A	0.50	Honeywell	UUT-06
DS series backup amplifier board. 125W at 25V, can be converted to a 70V, 100W amplifier with a DS-XF70V	DS-BDA	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4.5 x 2	N/A	2.00	Honeywell	UUT-02
Digital Amplifier 35W, 25V, 120 VAC	DAX-3525	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7.5 2.75	PCB/16 GA	5.60	Honeywell	UUT-04
Digital Amplifier 35W, 25V, 220-240 VAC	DAX-3525E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7.5 2.75	PCB/16 GA	5.60	Honeywell	Interpolated
Digital Amplifier 35W, 70V, 120 VAC	DAX-3570	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7.5 2.75	PCB/16 GA	5.90	Honeywell	Interpolated
Digital Amplifier 35W, 70V, 220-240 VAC	DAX-3570E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7.5 2.75	PCB/16 GA	5.90	Honeywell	Interpolated
Digital Amplifier 50W, 25V, 120 VAC	DAX-5025	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7.5 2.75	PCB/16 GA	5.90	Honeywell	Interpolated
Digital Amplifier 50W, 25V, 220-240 VAC	DAX-5025E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7.5 2.75	PCB/16 GA	5.90	Honeywell	Interpolated
Digital Amplifier 50W, 70V, 120 VAC	DAX-5070	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7.5 2.75	PCB/16 GA	5.90	Honeywell	Interpolated
Digital Amplifier 50W, 70V, 220-240 VAC	DAX-5070E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7.5 2.75	PCB/16 GA	5.90	Honeywell	UUT-04
30 Watt Audio Amplifier @ 25 VRMS, 120 VAC.	AA-30	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	8.5 x 8.0 x 4.25	PCB/16 GA	6.30	Honeywell	UUT-02
30 Watt Audio Amplifier @ 25 VRMS, 220 VAC.	AA-30E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	8.5 x 8.0 x 4.25	PCB/16 GA	6.30	Honeywell	Interpolated
DS series amplifier. 120VAC. Produces 125W at 25V, can be converted to 70V, 100W with a DS-XF70V	DS-AMP	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7 x 4.3	PCB/16 GA	6.70	Honeywell	UUT-02
DS series amplifier. 220-240VAC. Produces 125W at 25V, can be converted to a 70V, 100W amplifier with a DS-XF70V	DS-AMPE	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7 x 4.3	PCB/16 GA	6.70	Honeywell	Interpolated
DS series distribution board, supports one to four DS-AMP or DS-AMPE	DS-DB	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7.5 x 2.8	16 GA	7.20	Honeywell	UUT-02
Digital Amplifier, 50W, 25V, 120 VAC	DAA2-5025	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	21 x 8.5 x 5.7	PCB/16 GA	9.50	Honeywell	Interpolated
Digital Amplifier, 50W, 25V, 220-240 VAC	DAA2-5025E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	21 x 8.5 x 5.7	PCB/16 GA	9.50	Honeywell	Interpolated
Digital Amplifier 50W, 70V, 120 VAC	DAA2-5070	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	21 x 8.5 x 5.7	PCB/16 GA	9.50	Honeywell	UUT-06
Digital Amplifier 50W, 70V, 220-240 VAC	DAA2-5070E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	21 x 8.5 x 5.7	PCB/16 GA	9.50	Honeywell	Interpolated
Digital Amplifier 75W, 25V, 120 VAC	DAA2-7525	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	21 x 8.5 x 5.7	PCB/16 GA	9.50	Honeywell	Interpolated
Digital Amplifier 75W, 25V, 220-240 VAC	DAA2-7525E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	21 x 8.5 x 5.7	PCB/16 GA	9.50	Honeywell	Interpolated
100 Watt Audio Amplifier @ 70.7 VRMS w/built-in tone generator, 120 VAC.	AA-100	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7x 5	PCB/16 GA	17.30	Honeywell	Interpolated
100 Watt Audio Amplifier @ 70.7 VRMS w/built-in tone generator, 220 VAC.	AA-100E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7x 5	PCB/16 GA	17.30	Honeywell	Interpolated
120 Watt Audio Amplifier @ 25 VRMS w/built-in tone generator, 120 VAC.	AA-120	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7x 5	PCB/16 GA	17.30	Honeywell	Interpolated
120 Watt Audio Amplifier @ 25 VRMS w/built-in tone generator, 220 VAC.	AA-120E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	19 x 7x 5	PCB/16 GA	17.30	Honeywell	UUT-02

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Table 8 - Annunciators / Keypad

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
Lamp Driver Annunciator Control Module. For use with custom graphic annunciators. 32 Points.	LDM-32	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7.7 X 4.5 X .7	N/A	0.30	Honeywell	Extrapolated (Note 7)
Lamp Driver Annunciator Expander module. For use with custom graphic annunciators. 32 Points.	LDM-E32	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7.7 X 4.5 X .7	N/A	0.30	Honeywell	Extrapolated (Note 7)
Relay module. 32 Form-A contacts. Connects to LDM-32 or LDM-E32.	LDM-R32	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7.7 X 4.5 X .7	N/A	0.30	Honeywell	Extrapolated (Note 7)
Remote Form-C relay module. 8 Form-C relays driven by EIA-485.	ACM-8R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4.5 x 1.5	N/A	0.60	Honeywell	Extrapolated
Annunciator Module; 24 Alarm and Trouble LEDs.	ACM-24AT	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.5 x 4.4 x .8	N/A	0.70	Honeywell	UUT-01
Annunciator Control Module; includes 32 alarm, trouble and On-line LED's, Local acknowledge, Lamp Test Switch, and Local piezo sounder	ACM-32A	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.5 x 4.4 x .8	N/A	0.70	Honeywell	Interpolated
Annunciator Module; 48 Alarm and Trouble LEDs.	ACM-48A	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.5 x 4.4 x .8	N/A	0.70	Honeywell	Interpolated
Annunciator Expander Module; 24 Alarm and Trouble LEDs, expands the ACM-24AT to 48, 72 or 96 points.	AEM-24AT	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.5 x 4.4 x .8	N/A	0.70	Honeywell	Interpolated (Note 8)
Annunciator Expander module	AEM-32A	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.5 x 4.4 x .8	N/A	0.70	Honeywell	Interpolated (Note 8)
Annunciator Expander Module; 48 Alarm LEDs, expands the ACM-48A to 96 points.	AEM-48A	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.5 x 4.4 x .8	N/A	0.70	Honeywell	Interpolated (Note 8)
Keyboard Display Module for CPU2-640	KDM-R2	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	9.0 x 6.25 x 1.0	N/A	0.70	Honeywell	UUT-05
80 Character LCD mimic Annunciator.	LCD2-80	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	8.5 X 4.5 X .7	N/A	0.70	Honeywell	Interpolated (Note 9)
Digital Voice Command, keypad	DVC-KD	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	9.0 x 6.25 x .25	N/A	0.80	Honeywell	UUT-01
160 character display annunciator	LCD-160	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.75 x 8.0 x 1.0	N/A	1.25	Honeywell	UUT-01
160 character display annunciator. French	LCD-160-FR	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.75 x 8.0 x 1.0	N/A	1.25	Honeywell	Interpolated
160 character display annunciator. Hebrew	LCD-160-HE	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.75 x 8.0 x 1.0	N/A	1.25	Honeywell	Interpolated
160 character display annunciator. Korean	LCD-160-KO	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.75 x 8.0 x 1.0	N/A	1.25	Honeywell	Interpolated
160 character display annunciator. Portuguese	LCD-160-PO	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.75 x 8.0 x 1.0	N/A	1.25	Honeywell	Interpolated
160 character display annunciator. Simplified Chinese	LCD-160-SC	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.75 x 8.0 x 1.0	N/A	1.25	Honeywell	Interpolated
160 character display annunciator. Spanish	LCD-160-SP	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.75 x 8.0 x 1.0	N/A	1.25	Honeywell	Interpolated
160 character display annunciator. Thai	LCD-160-TH	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.75 x 8.0 x 1.0	N/A	1.25	Honeywell	Interpolated
160 character display annunciator. Traditional Chinese	LCD-160-TC	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.75 x 8.0 x 1.0	N/A	1.25	Honeywell	Interpolated
Remote Paging Unit (includes Keypad Display)	DVC-RPU	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Silicone kypd/PCB	8.75 x 7.5 x 3.375	N/A	1.90	Honeywell	UUT-03
Graphic Annunciator (touch screen computer) (19" monitior)	FIRSTVISION-LCD	N/A	N/A	N/A	XLS-FRI-LCD	IFA-1000-LCD	N/A	LCD DISPLAY/Alumn	17.5 x 24.5 x 3.5	LCD/.06 AL	20.30	Honeywell	UUT-09
Graphic Annunciator (touch screen computer) (22" monitor)	FIRSTVISION-LCD	N/A	N/A	N/A	XLS-FRI-LCD	IFA-1000-LCD	N/A	LCD DISPLAY/Alumn	17.5 x 24.5 x 3.5	LCD/.06 AL	20.30	Honeywell	UUT-12

Notes
7) Same board construction and mounting as tested ACM series but without rubber keyboard
8) Same board construction and mounting as tested ACM series with additional connector
9) Smaller version of tested KDM-R2

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Table 9 - Power Supply

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
Battery Charger	CHG-75	N/A	FCI-CHG-120E	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	13.5 x 5.25 x 3.25	PCB/16 GA	1.80	Honeywell	Extrapolated
Auxiliary Power Supply	APS2-6R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/Aluminum	8.7 x 6.6 3.1	PCB/.06 AL	2.10	Honeywell	UUT-01
Auxiliary Power Supply, 220-240 VAC	APS2-6RE	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/Aluminum	8.7 x 6.6 3.1	PCB/.06 AL	2.10	Honeywell	Interpolated
Addressable Charging Power Supply	ACPS-610	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	10 x 9 x 4	PCB/16 GA	4.60	Honeywell	UUT-08
Addressable Charging Power Supply 220 volt	ACPS-610E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	10 x 9 x 4	PCB/16 GA	4.60	Honeywell	Interpolated
Addressable Power Supply, 120 VAC	AMPS-24	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/Aluminum	10 x 9 x 4	PCB/.06 AL	4.60	Honeywell	UUT-01
Addressable Power Supply, 240 VAC	AMPS-24E	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB/Aluminum	10 x 9 x 4	PCB/.06 AL	4.60	Honeywell	UUT-10
Battery Charger	CHG-120	N/A	FCI-CHG-120	Not Branded	Not Branded	Not Branded	Not Branded	PCB/CRS	6.93 x 10.196 x 4	PCB/16 GA	15.50	Honeywell	UUT-07

Table 10- Transformer

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
DS series transformer used to convert DS-AMP, DS-AMPE, or DS-BDA to 70V, 100W	DS-XF70V	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Transformer	2 x 2 x 1.5	N/A	1.70	Honeywell	UUT-02

Table 11 - Hand Held Peripheral

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
Paging Microphone	MIC-1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	ABS/Circuitboard	4 x 3 x 2.2	N/A	0.50	Honeywell	UUT-03
Fireman's Telephone Hand Set	FHS	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Telephone Handset	8 x 2.5 x 2.37	N/A	0.75	Honeywell	Extrapolated (Note 10)
Firefighter's Telephone Handset	TELH-1	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Telephone Handset	8.5 x 2.5 x2.75	N/A	0.75	Honeywell	UUT-01
Telephone Chassis with Coil Cord	AFAWS-TELC	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS w/Telephone Handset	14.75 x 3 x 4.5	16 GA	2.53	Honeywell	Extrapolated (Note 11)
Telephone Chassis with Armored Coil Cord	AFAWS-TELA	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	CRS w/Telephone Handset	14.75 x 3 x 4.5	16 GA	2.62	Honeywell	Extrapolated (Note 11)

Notes
10) Same as tested TELH-1 except for connector and switch
11) TELH-1 in a box

Table 12 - Battery

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
Ten (10) BAT-1250 (12v, 5aH)	BAT-1250-BP	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Lead Acid Battery	3.54 x 2.76 x 3.981	N/A	3.50	Powersonic	Extrapolated
Five (5) BAT-1270 (12v, 7aH) shipped in each bulk pack	BAT-1270-BP	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Lead Acid Battery	5.95 x 2.56 x 3.7	N/A	4.80	Powersonic	Extrapolated
Four (4) BAT-12120 BAT-12120 (12v, 12aH)	BAT-12120-BP	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Lead Acid Battery	5.95 x 3.86 x 3.70	N/A	7.92	Powersonic	UUT-06 / 08
Two (2) BAT-12180 (12v, 18aH)	BAT-12180-BP	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Lead Acid Battery	7.13 x 3.0 x 6.59	N/A	12.60	Powersonic	Interpolated
Two (2) BAT-12660 (12v, 26aH)	BAT-12260-BP	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Lead Acid Battery	6.56 x 6.97 x 4.92	N/A	17.00	Powersonic	UUT-04 / 05 / 11
Battery, 12 volt, 55 AH.	BAT-12550	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Lead Acid Battery	9.04 x 5.45 x 8.15	N/A	36.00	Powersonic	Interpolated
Battery, 12 volt, 100 AH.	BAT-121000	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	Lead Acid Battery	12 x 6.60 x 8.15	N/A	68.00	Powersonic	UUT-10

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Table 13 - Module Card

Description	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
Audio Coupling Transformer. Steps down 25 vrms audio to low level audio.	ACT-25	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	3.2 x 1.5 x .8	N/A	0.20	Honeywell	Extrapolated (Note 12)
Audio Coupling Transformer. Used to drive multiple amplifiers.	ACT-2	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	2 x 3 x 1	N/A	0.20	Honeywell	Extrapolated (Note 12)
Audio Coupling Transformer. Provides isolation for DVC-AO audio system applications w/multiple power supplies	ACT-4	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	3 x 3 x 1	N/A	0.20	Honeywell	Extrapolated (Note 12)
Audio Coupling Transformer. Steps down 70.7 vrms audio to low level audio.	ACT-70	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	4 x 3 x 1	N/A	0.20	Honeywell	Extrapolated (Note 12)
Converts DAX or DAA2 DAL port to multi-mode fiber	DS-FM	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	3.0 x 1.5 x .5	N/A	0.30	Honeywell	UUT -02 / 06
Converts DAX or DAA2 port to ST style fiber for legacy DVC and DAA	DS-RFM	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	3.0 x 1.5 x .5	N/A	0.30	Honeywell	Interpolated
Converts DAX or DAA2 DAL port to single-mode fiber	DS-SFM	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	3.0 x 1.5 x .5	N/A	0.30	Honeywell	Interpolated
Digital Voice Command, Analog Output	DVC-AO	N/A	N/A	N/A	Not Branded	Not Branded	N/A	PCB	7 x 4 x 1	N/A	0.30	Honeywell	UUT-01
Network Control Module - Fiber	NCM-F	N/A	N/A	N/A	Not Branded	Not Branded	N/A	PCB	7 x 4 x .6	N/A	0.30	Honeywell	Interpolated
Network Control Module - Wire	NCM-W	N/A	N/A	N/A	Not Branded	Not Branded	N/A	PCB	7 x 4 x .6	N/A	0.30	Honeywell	UUT-01 / 07
Loop Control Module.	LCM-320	N/A	N/A	N/A	N/A	Not Branded	N/A	PCB	7 X 4.5 X .7	N/A	0.32	Honeywell	UUT-01
EclipseLoop Control Module.	N/A	N/A	N/A	N/A	XLS-LCM-320	Not Branded	N/A	PCB	7.3 X 4.5 X .7	N/A	0.32	Honeywell	Interpolated
Loop Expander Module.	LEM-320	N/A	N/A	Not Branded	N/A	Not Branded	N/A	PCB	7.3 X 4.5 X .7	N/A	0.32	Honeywell	UUT-01 / 05
Eclipse Loop Expander Module.	N/A	N/A	N/A	N/A	XLS-LEM-320	Not Branded	N/A	PCB	7.3 X 4.5 X .7	N/A	0.32	Honeywell	Interpolated
Universal Digital Alarm Communictator Transmitter	UDACT-2	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	4.37 x 7 x .62	0.06	0.32	Honeywell	UUT-05
XP10 Transponder Monitor Module, 10 circuits Class A or B.	XP10-M	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7.5 x 6 x 1	N/A	0.35	Honeywell	UUT-05
XP6 Transponder Control Module, 6 circuits Class A or B.	XP6-C	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7.5 x 6 x 1	N/A	0.35	Honeywell	UUT-05
XP6 Transponder 2-wire detector Monitor Module; 6 circuits Class A or B.	XP6-MA	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7.5 x 6 x 1	N/A	0.35	Honeywell	Interpolated
XP6 Transponder Relay Module, 6 circuits Class A or B.	XP6-R	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7.5 x 6 x 1	N/A	0.35	Honeywell	UUT-05
Universal Zone Coder; provides up to 256 different coded outputs.	UZC-256	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	8.0 x 4.5 x .75	N/A	0.45	Honeywell	Interpolated (Note 13)
Smoke Control Expander. Expands SCS-8 to 16 switches.	SCE-8	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	4.37 x 8.37 x .75	N/A	0.53	Honeywell	Interpolated (Note 14)
Smoke Control Lamp Driver Expander. Expands SCS-8L to 16 outputs.	SCE-8L	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	4.37 x 8.37 x .75	N/A	0.53	Honeywell	Interpolated (Note 14)
Smoke Control master; includes eight on/off/auto switches. Supports one SCE-8. Mounts in ADP-4 or ABS-4D.	SCS-8	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	4.37 x 8.37 x .75	N/A	0.53	Honeywell	UUT-05
Smoke Control Lamp driver. Outputs for 8 on/off/auto sw/LED's. Intended for custom built smoke control stations. Support one SCE-8L.	SCS-8L	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	4.37 x 8.37 x .75	N/A	0.53	Honeywell	Interpolated
High Speed communications module for wire	HS-NCM-W	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
High Speed communications module for multi-mode fiber	HS-NCM-MF	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
High Speed communications module for multi-mode to single-mode fiber	HS-NCM-MFSF	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
High Speed communications module for single-mode fiber	HS-NCM-SF	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
High Speed communications module wire and multi-mode fiber	HS-NCM-WMF	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
High Speed communications module wire and single-mode fiber	HS-NCM-WSF	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
BACnet protocol interface	BACNET-GW-EM-3	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
Modbus protocol interface	MODBUS-GW	N/A	N/A	Not Branded	Not Branded	Not Branded	Not Branded	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
NFN Gateway	NFN-GW-EM-3	N/A	N/A	N/A	XLS-GW-EM-3	JNFN-GW-EM-3	N/A	PCB	7 x 4 x .6	N/A	1.00	Honeywell	UUT-01
Web server for remote viewing of the NFN network	NWS-3	N/A	N/A	N/A	HWS-3	JWS-3	N/A	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
LED Sign gateway	LEDSIGN-GW	N/A	N/A	N/A	XLS-LEDSIGN-GW	JLEDSIGN-GW	N/A	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
Common Alerting Protocol interface	CAP-GW	N/A	N/A	N/A	N/A	JCAP-GW	N/A	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
VESDA NET interface card	VESDA-HLI-GW	N/A	N/A	Not Branded	Not Branded	Not Branded	N/A	PCB	7 x 4 x .6	N/A	1.00	Honeywell	Interpolated (Note 15)
Digital Voice Command, Extended memory	DVC-EM	N/A	N/A	N/A	XLS-DVC-EM	JDVC-EM	N/A	PCB	9 x 8 x .75	N/A	1.60	Honeywell	UUT-01

Notes
12) Same board construction and mounting as tested DS-FM
13) Same board construction and mounting as tested UDACT-2
14) Same board construction and mounting as tested SCS-8
15) Same board construction and mounting as tested NFN-GW-EM-3 with different software

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Table 14 - Keypad Display CPU

Description (Note 2)	NOTIFIER Model Number	Private Label/OEM Model Numbers						Component Material	Component Dimension [in]	Sheet Metal Thickness [in]	Component Weight [lbs]	Component Manufacturer	UUT
		Fire-Lite	Gamewell FCI	TYCO Fire Protection (Ansul)	Honeywell	Johnson Controls Inc (JCI)	Minimax						
Network Control Annunciator-2, 640-characters-French	NCA-2-FR	N/A	N/A	N/A	XLS-NCA2-FR	JNCA-2-FR	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	Extrapolated
Network Control Annunciator-2, 640-characters-Hebrew	NCA-2-HE	N/A	N/A	N/A	N/A	N/A	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	Extrapolated
Network Control Annunciator-2, 640-characters-Korean	NCA-2-KO	N/A	N/A	N/A	N/A	N/A	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	Extrapolated
Network Control Annunciator-2, 640-characters-Portuguese	NCA-2-PO	N/A	N/A	N/A	XLS-NCA2-PO	JNCA-2-PO	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	Extrapolated
Network Control Annunciator-2, 640-characters-Spanish	NCA-2-SP	N/A	N/A	N/A	XLS-NCA2-SP	JNCA-2-SP	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	Extrapolated
Network Control Annunciator-2, 640-characters-Simplified Chinese	NCA-2-SC	N/A	N/A	N/A	XLS-NCA2-SC	JNCA-2-SC	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	Extrapolated
Network Control Annunciator-2, 640-characters-Traditional Chinese	NCA-2-TC	N/A	N/A	N/A	N/A	JNCA-2-TC	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	Extrapolated
Network Control Annunciator-2, 640-characters-Thai	NCA-2-TH	N/A	N/A	N/A	N/A	N/A	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	Extrapolated
Network Control Annunciator-2, 640-characters- Listed for marine use	NCA-2-M	N/A	N/A	N/A	XLS-NCA2M	N/A	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	Extrapolated
Network Control Annunciator-2, 640-characters-Russian	N/A	N/A	N/A	N/A	XLS-NCA2-RU	N/A	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	Extrapolated
Network Control Annunciator-2, 640-characters display	NCA-2	N/A	N/A	AP-NCA-2	XLS-NCA2	JNCA-2	N/A	PCB/CRS	9.5 x 8 x 1.5	PCB/16 GA	2.50	Honeywell	UUT-07
Central processing unit for the NFS2-3030-French	CPU2-3030D-FR	N/A	N/A	N/A	XLS3000-CPUD-FR	JCPU2-3030D-FR	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030-Hebrew	CPU2-3030D-HE	N/A	N/A	N/A	N/A	N/A	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
NFS2-3030 CPU with 640-character Display-Korean	CPU2-3030D-KO	N/A	N/A	N/A	N/A	N/A	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030-Portuguese	CPU2-3030D-PO	N/A	N/A	N/A	XLS3000-CPUD-PO	JCPU2-3030D-PO	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030-Spanish	CPU2-3030D-SP	N/A	N/A	N/A	XLS3000-CPUD-SP	JCPU2-3030D-SP	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030-Simplified Chinese	CPU2-3030D-SC	N/A	N/A	N/A	XLS3000-CPUD-SC	JCPU2-3030D-SC	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030-Thai	CPU2-3030D-TH	N/A	N/A	N/A	N/A	N/A	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030-Traditional Chinese	CPU2-3030D-TC	N/A	N/A	N/A	N/A	JCPU2-3030D-TC	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030-no display unit	CPU2-3030ND	N/A	N/A	N/A	XLS3000-CPUND	JCPU2-3030ND	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030, no display-French	CPU2-3030ND-FR	N/A	N/A	N/A	N/A	JCPU2-3030ND-FR	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030, no display- Hebrew	CPU2-3030ND-HE	N/A	N/A	N/A	N/A	N/A	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030, no display- Korean	CPU2-3030ND-KO	N/A	N/A	N/A	N/A	N/A	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030, no display-Portuguese	CPU2-3030ND-PO	N/A	N/A	N/A	N/A	JCPU2-3030ND-PO	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030, no display-Spanish	CPU2-3030ND-SP	N/A	N/A	N/A	N/A	JCPU2-3030ND-SP	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030, no display-Simplified Chinese	CPU2-3030ND-SC	N/A	N/A	N/A	N/A	JCPU2-3030ND-SC	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030, no display-Traditional Chinese	CPU2-3030ND-TC	N/A	N/A	N/A	N/A	JCPU2-3030ND-TC	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030 for marine applications	CPU2-3030D-M	N/A	N/A	N/A	XLS3000-CPUD-M	N/A	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030 - Russian	N/A	N/A	N/A	N/A	XLS3000-CPUD-RU	N/A	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	Interpolated
Central processing unit for the NFS2-3030	CPU2-3030D	N/A	N/A	N/A	XLS3000-CPUD	JCPU2-3030D	N/A	PCB	9.5 x 8 x 1.5	N/A	2.50	Honeywell	UUT-01
Central processing unit for the NFS2-640 with integral power supply, includes Chassis, 120 VAC-French	CPU2-640-FR	N/A	N/A	N/A	XLS140-CPU2-FR	JCPU2-640-FR	N/A	PCB/CRS	21 x 8.3 x 5.5	PCB/16 GA	10.50	Honeywell	Interpolated
Central processing unit for the NFS2-640 with integral power supply, includes Chassis, 120 VAC-Portuguese	CPU2-640-PO	N/A	N/A	N/A	XLS140-CPU2-PO	JCPU2-640-PO	N/A	PCB/CRS	21 x 8.3 x 5.5	PCB/16 GA	10.50	Honeywell	Interpolated
Central processing unit for the NFS2-640 with integral power supply, includes Chassis, 120 VAC-Spanish	CPU2-640-SP	N/A	N/A	N/A	XLS140-CPU2-SP	JCPU2-640-SP	N/A	PCB/CRS	21 x 8.3 x 5.5	PCB/16 GA	10.50	Honeywell	Interpolated
Central processing unit for the NFS2-640 with integral power supply, includes Chassis - 240 VAC	CPU2-640E	N/A	N/A	AP-IQ636X-CPU2E	XLS140-CPU2E	JCPU2-640E	N/A	PCB/CRS	21 x 8.3 x 5.5	PCB/16 GA	10.50	Honeywell	Interpolated
Central processing unit for the NFS2-640 with integral power supply, includes Chassis - 240 VAC, Portuguese	CPU2-640E-PO	N/A	N/A	N/A	XLS140-CPU2E-PO	JCPU2-640E-PO	N/A	PCB/CRS	21 x 8.3 x 5.5	PCB/16 GA	10.50	Honeywell	Interpolated
Central processing unit for the NFS2-640 with integral power supply, includes Chassis - 240 VAC, Spanish	CPU2-640E-SP	N/A	N/A	N/A	XLS140-CPU2E-SP	JCPU2-640E-SP	N/A	PCB/CRS	21 x 8.3 x 5.5	PCB/16 GA	10.50	Honeywell	Interpolated
Central processing unit for the NFS-320SYS with integral power supply, includes Chassis	CPU-320-SYS	N/A	N/A	N/A	N/A	N/A	N/A	PCB/CRS	21 x 8.3 x 5.5	PCB/16 GA	10.50	Honeywell	Interpolated
Central processing unit for the NFS-320SYS with integral power supply, includes Chassis, French	CPU-320-SYS-FR	N/A	N/A	N/A	N/A	N/A	N/A	PCB/CRS	21 x 8.3 x 5.5	PCB/16 GA	10.50	Honeywell	Interpolated
Central processing unit for NFS-320SYSE with integral 240V power supply	CPU-320-SYSE	N/A	N/A	N/A	N/A	N/A	N/A	PCB/CRS	21 x 8.3 x 5.5	PCB/16 GA	10.50	Honeywell	Interpolated
Central processing unit for the NFS2-640 with integral power supply, includes Chassis.	CPU2-640	N/A	N/A	AP-IQ636X-CPU2	XLS140-CPU2	JCPU2-640	N/A	PCB/CRS	21 x 8.3 x 5.5	PCB/16 GA	10.50	Honeywell	UUT-05

Notes

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UUT-01

Manufacturer: Honeywell Notifier

Model: SBB-D4

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
Backbox, 4 chassis, black.	5	24	47	142	N/A	N/A	N/A
Audio Door for D4 Sized Back Box							
Battery Dress Panel for CAB-4 Series							
Dress panel blank; covers unused cabinet row(s), painted black.							
Dress Plate, DVC, Two Rows							
Chassis, mounts up to four modules.							
Chassis with Paging Microphone with well; used with CA-1							
Chassis, DVC, Two Rows, includes MIC-1; Use ADDR-XX Doors							
Annunciator Module; 24 Alarm and Trouble LEDs.							
Digital Voice Command, keypad							
160 character display annunciator							
Auxiliary Power Supply							
Addressable Power Supply, 120 VAC							
Digital Voice Command, Analog Output							
Loop Control Module.							
NFN Gateway							
Digital Voice Command, Extended memory							
Firefighter's Telephone Handset Only							
Central processing unit for the NFS2-3030							
Blank module dress plate; used to cover annunciator positions. Also mounts some option modules.							
Dress Plate, Annunciator, Mounts ACS annunciators and NCMs.							
Chassis, low profile,							
Network Control Module - Wire							
Loop Expander Module.							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)

UUT Mounting Description:

Wall mounted unit with (4) 1/4" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-02

Manufacturer: Honeywell Notifier

Model: EQBB-D4

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
D sized equipment box	5	24	47	99	N/A	N/A	N/A
D sized equipment box door							
DS series backup amplifier board. 125W at 25V, can be converted to a 70V, 100W amplifier with a DS-XF70V							
DS series amplifier. 120VAC. Produces 125W at 25V, can be converted to 70V, 100W with a DS-XF70V							
DS series distribution board, supports one to four DS-AMP or DS-AMPE							
120 Watt Audio Amplifier @ 25 VRMS w/built-in tone generator, 220 VAC.							
30 Watt Audio Amplifier @ 25 VRMS, 120 VAC.							
DS series transformer used to convert DS-AMP, DS-AMPE, or DS-BDA to 70V, 100W							
Converts DAX or DAA2 DAL port to multi-mode fiber							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)

UUT Mounting Description:

Wall mounted unit with (4) 1/4" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-03

Manufacturer: Honeywell Notifier

Model: CAB-RP

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
Cabinet for DVC-RPU, Black	5	20	12	17	N/A	N/A	N/A
Microphone and well for CAB-RP							
Remote Paging Unit (includes Keypad Display)							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)

UUT Mounting Description:

Wall mounted unit with (2) 1/4" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-04

Manufacturer: Honeywell Notifier

Model: SBB-C4, BAT-12660

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

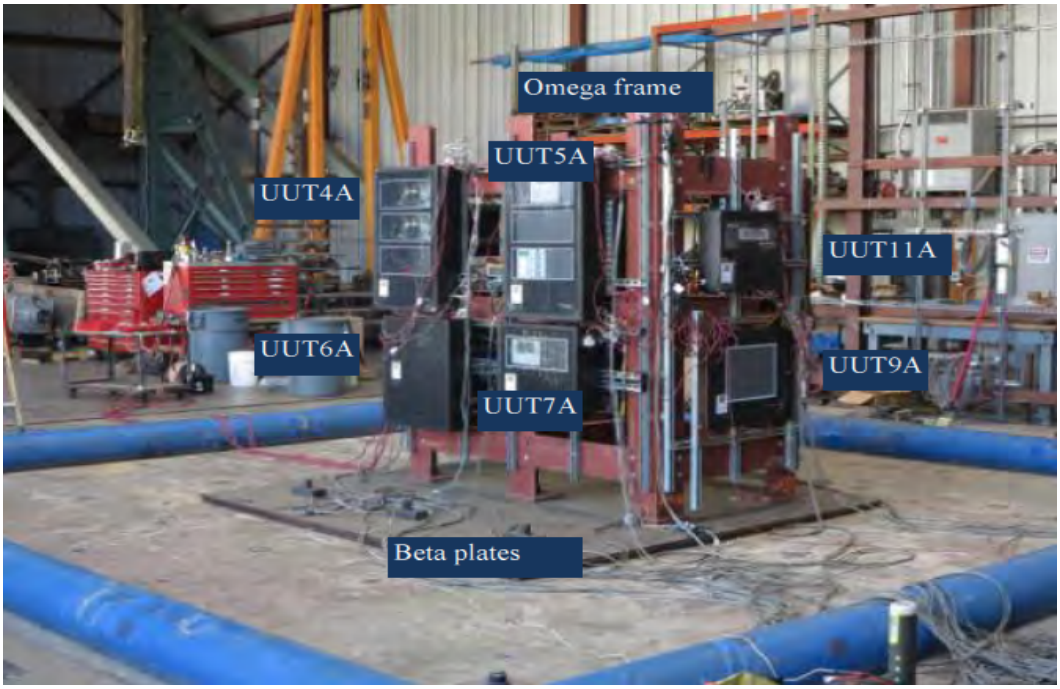
Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
Backbox, 3 chassis, black.	5	24	38	94	N/A	N/A	N/A
C Sized Door							
Two (2) BAT-12660 (12v, 26aH)							
Seismic kit for the CAB-4 series cabinets. Includes battery bracket for two 26AH batteries							
Digital Amplifier 35W, 25V, 120 VAC							
Digital Amplifier 50W, 70V, 220-240 VAC							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)



UUT Mounting Description:

Wall mounted unit with (4) 1/4" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-05

Manufacturer: Honeywell Notifier

Model: SBB-C4, BAT-12660

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

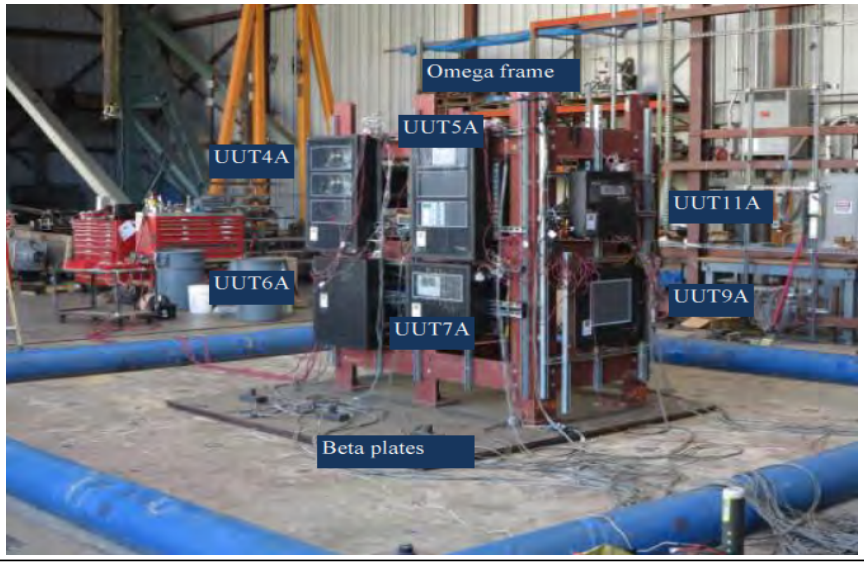
Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
Backbox, 3 chassis, black.	5	24	38	114	N/A	N/A	N/A
C Sized Door							
Loop Expander Module.							
Blank module dress plate; used to cover annunciator positions. Also mounts some option modules.							
Chassis, mounts up to 6 XP-6 modules in a BB-25 or a row of the CAB-3/4 series cabinet; also mounts ACPS-610.							
Dress Plate, Annunciator, Mounts ACS annunciators and NCMs.							
Chassis, low profile,							
Dress Plate used when CPU2-640 is mounted on top row.							
Chassis to mount IP communicator							
Keyboard Display Module for CPU2-640							
XP10 Transponder Monitor Module, 10 circuits Class A or B.							
XP6 Transponder Control Module, 6 circuits Class A or B.							
XP6 Transponder Relay Module, 6 circuits Class A or B.							
Smoke Control master; includes eight on/off/auto switches. Supports one SCE-8. Includes manual, slide-in labels. Mounts in ADP-4 or ABS-4D.							
Universal Digital Alarm Communictator Transmitter							
Central processing unit for the NFS2-640 with integral power supply, includes Chassis.							
80 Character LCD mimic Annunciator.							
Two (2) BAT-12660 (12v, 26aH)							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)



UUT Mounting Description:

Wall mounted unit with (4) 1/4" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-06

Manufacturer: Honeywell Notifier

Model: EQBB-B4, BAT-12120

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

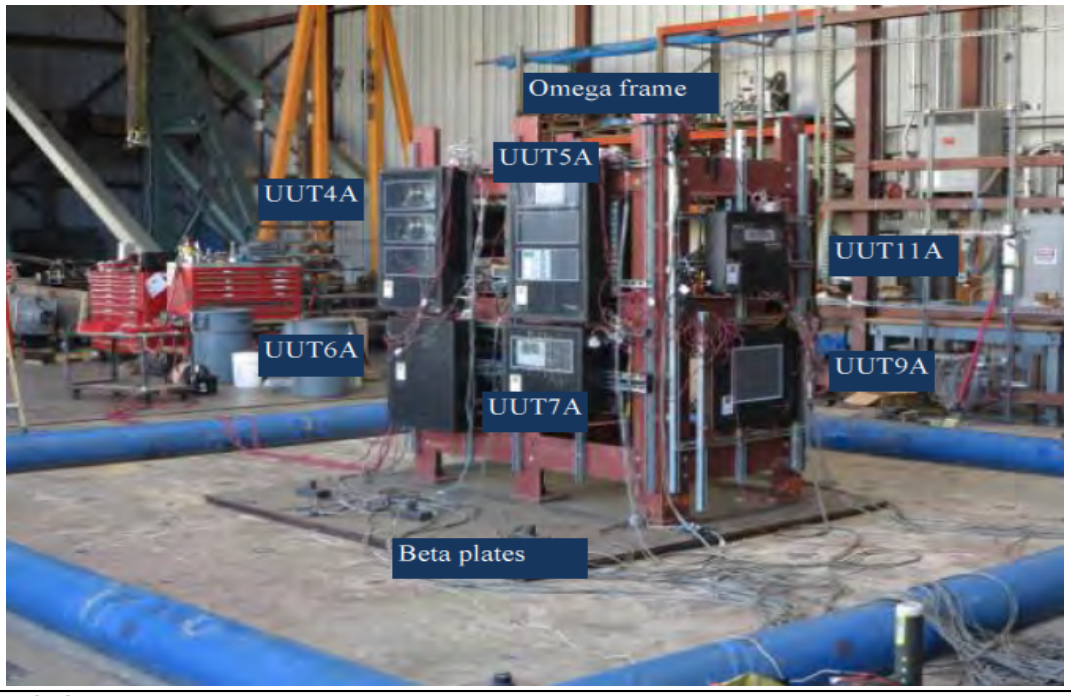
Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
B sized equipment box	5	24	29	66	N/A	N/A	N/A
B sized equipment box door							
Chassis, 12AH Battery Holder, for use with DAA- numbers							
Seismic kit for the DAX, DAA, and DAA2 series amplifiers. Includes battery bracket for two 12AH batteries							
Back-up Digital Amplifier for 70 volt DAX or DAA2 series							
Digital Amplifier 50W, 70V, 120 VAC							
Converts DAX or DAA2 DAL port to multi-mode fiber							
Four (4) BAT-12120 BAT-12120 (12v, 12aH)							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)



UUT Mounting Description:

Wall mounted unit with (2) 1/4" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-07

Manufacturer: Honeywell Notifier

Model: SBB-A4, CHG-120

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

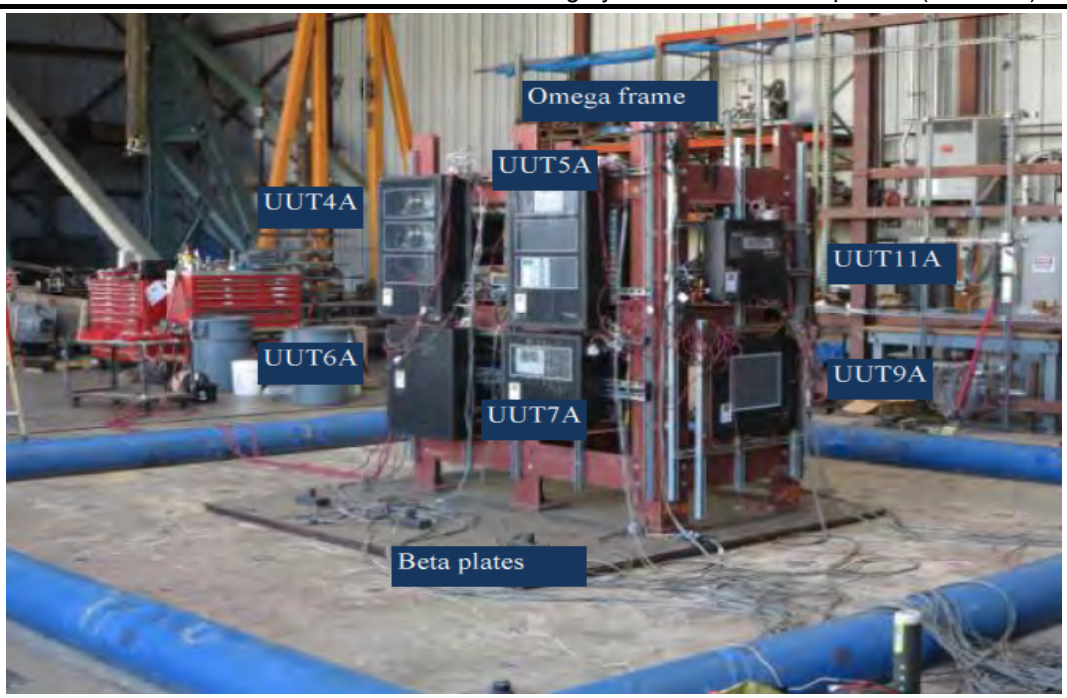
Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
Backbox, 1 chassis, black.	5	24	20	51	N/A	N/A	N/A
Network Control Module - Wire							
A Sized Door							
Dress plate, display, black.							
Battery Charger							
Network Control Annunciator-2, 640-characters display							
Mounting Chassis, used for CPU-3030, CPU2-3030, and NCA-2.							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)



UUT Mounting Description:

Wall mounted unit with (4) 1/4" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-08

Manufacturer: Honeywell Notifier

Model: CAB-PS1, BAT-12120

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
ACPS stand-alone Cabinet.	3	15	15	32	N/A	N/A	N/A
Four (4) BAT-12120 BAT-12120 (12v, 12aH)							
Seismic kit for the FCPS-24S6/8, CAB-PS1, SFP-2402 and SFP-2404. Includes battery bracket for two 7AH or 12AH batteries							
Addressable Charging Power Supply							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)

UUT Mounting Description:

Wall mounted unit with (4) 1/4" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-09

Manufacturer: Honeywell Notifier

Model: Firevision-ENC, 19" LCD

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

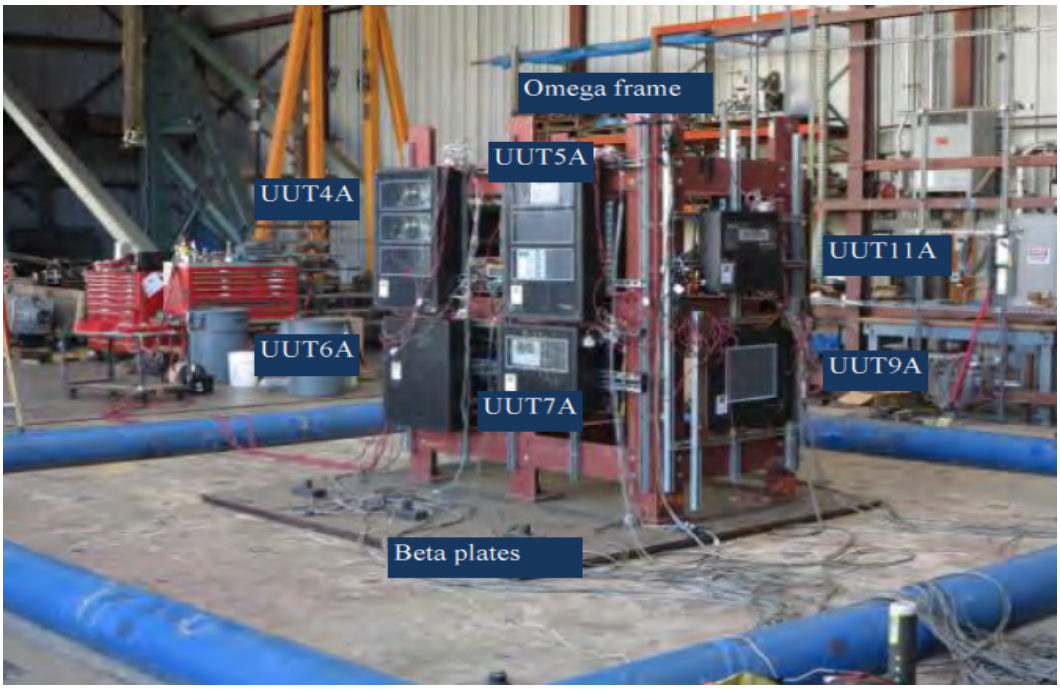
Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
Backbox with Door	3.0	27	23.0	47	N/A	N/A	N/A
Graphic Annunciator (touch screen computer) (19" monitor)							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)



UUT Mounting Description:

Wall mounted unit with (6) 3/8" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-10

Manufacturer: Honeywell Notifier

Model: BB-200, BAT-121000

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
Power Supply and Battery Enclosure. Mounts AMPS-24 power supply. Will hold four 55 AH batteries or four 100 AH batteries.	9.0	31	35.0	350	N/A	N/A	N/A
Seismic kit for the BB-100 and BB-200. Includes battery bracket for two 100AH batteries. Two kits are required for the BB-200							
Addressable Power Supply, 240 VAC							
Battery, 12 volt, 100 AH.							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)

UUT Mounting Description:

Wall mounted unit with (6) 3/8" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-11

Manufacturer: Honeywell Notifier

Model: NFS-320, BAT-12260

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

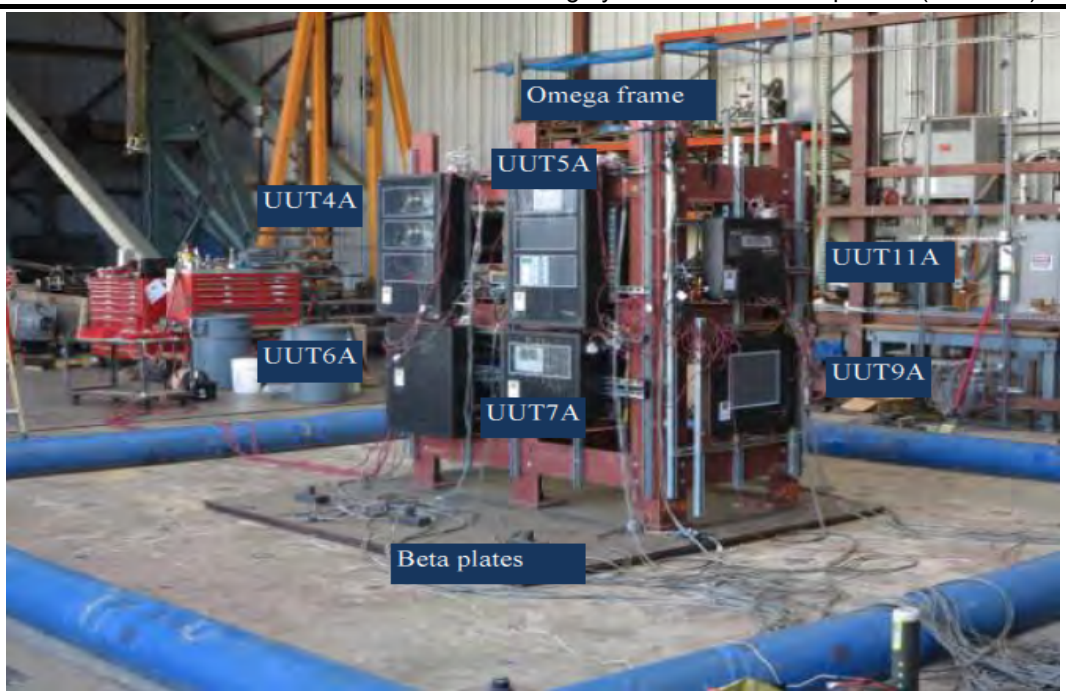
Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
NFS-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board with one SLC loop, - Back-lit, 80 Character Display, System and Programming Keypad and Power supply, 120VAC, Includes door, dress panel and back box, Black.	6	18	19	68	N/A	N/A	N/A
Two (2) BAT-12660 (12v, 26aH)							
Seismic kit for the NFS-320 and BB-26. Includes battery bracket for two 26AH batteries							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)



UUT Mounting Description:

Wall mounted unit with (4) 1/4" dia SAE Grade 8 bolts, fixture rigidly on table.

UUT-12

Manufacturer: Honeywell Notifier

Model: Firevision-ENC, 22" LCD

Cabinet Construction Summary:

Base:	Galvanized Carbon Steel Sheetmetal
Walls:	Galvanized Carbon Steel Sheetmetal
Roof:	Galvanized Carbon Steel Sheetmetal

Component Summary:

Item	Dimensions (in)				Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Weight	F-B	S-S	V
Backbox with Door	3	27	23	46	N/A	N/A	N/A
Graphic Annunciator (touch screen computer) (22" monitor)							

Seismic Test Parameters:

Qualification Method	Sds	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
ICC-ES AC156	2.00	1.0	1.5	3.20	2.40	1.34	0.54
	2.50	0.0		2.50	1.00	1.67	0.67

Pre/Post Shake Functionality Test Results:

Pre:	PASSED
Post:	All units were full of contents and maintained structural integrity and functional compliance (PASSED)

UUT Mounting Description:

Wall mounted unit with (6) 3/8" dia SAE Grade 8 bolts, fixture rigidly on table.