APPLICATION FOR HCAI SPECIAL SEISMIC CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0359

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: Otis Elevator Company

Manufacturer's Technical Representative: John Kleine

Mailing Address: 1500 Otis Way, Florence, SC 29501

Telephone: (843) 424-8738 Email: john.kleine@otis.com

Product Information

Product Name: HydroFit & HydroAccel GCS Hydraulic Control System

Product Model Number(s): See Attachment 1

Product Category: Elevator Equipment

Product Sub-Category: Elevator Controllers

General Description: Components for elevator cab control and propulsion. 3 Phase 208V to 600V, 18A to 121A. (See Attachment 1, Table 1)

Mounting Description: See Attachments 1 & 2.

Tested Seismic Enhancements: None

Applicant Information

Applicant Company Name: EASE LLC

Contact Person: Jonathan Roberson

Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709

Telephone: (909) 606-7622 Email: jon@easeco.com

Title: Principal Structural Engineer

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By: Mohammad Karim
DATE: 11/17/2026
CALIFORNIA BUILDING CODE 2025

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

Company Name: EASE LLC

Name: Jonathan Roberson California License Number: S4197

Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709

Telephone: (951) 295-1892 Email: jon@EASECo.com

Certification Method

☐ GR-63-Core ☒ ICC-ES AC156 ☐ IEEE 344 ☐ IEEE 693 ☐ NEBS 3

☐ Other (Please Specify):

Testing Laboratory

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)

Contact Person: Jeremy Lange

Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513

Telephone: (972) 247-9657 Email: jeremy@etldallas.com

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Seismic Parameters

Certified Response Spectral Acceleration Factors:(F_p/W_p)

Horizontal	(A Flx-H), g=	2.50	(A Rig-H), g=	1.56
Vertical	(A Flx-V), g=	1.68	(A Rig-V), g=	0.68

S_{DS} (Design spectral response acceleration at short period, g) = 2.50 @ z/h = 0; 1.30 @ z/h = 1

Hf (Force amplification height factor) = 1 @ z/h = 0; 3.5 @ z/h = 1

Ru (Structure ductility redution factor) = 1 @ z/h = 0; 1.3 @ z/h = 1

I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 0 and 1

HCAI Approval (For Office Use Only) - Approval Expires on 11/17/2032

Date: 11/17/2026

Name: Mohammad Karim Title: Supervisor, Health Facilities

Condition of Approval (if applicable):

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TABLE 1: SEISMIC CERTIFIED SYSTEMS & COMPONENTS

MANUFACTURER	**OTIS ELEVATOR COMPANY**
SYSTEM	**HYDROFIT™/ HYDROACCEL GCS HYDRAULIC CONTROL SYSTEM**

SYSTEM COMPONENT	MODEL NO.	DIMENSIONS (IN.) W	D	H	MAX WT (LB)	MOUNT	BASIS [1]
HYDRAULIC MACHINE & CONTROLLER ASSEMBLY (ACA20390H)							
Hydraulic Machine [2] – 80 Gallon Tank Assembly	AAA20390AF1	42.25	19.12	40.50	403 (dry) / 993 (full) [3]	Rigid Base	UUT-1301-1
GCSHH Controller	AAA21242E3	37.1	11.36	36	147	Tank	
Hydraulic Machine [2] – 100 Gallon Tank Assembly	AAA20390AA1	44	23.12	40.5	1445 (full) [3]	Rigid Base	INT
GCSHH Controller	AAA21242E3	37.1	11.36	36	147	Tank	
Hydraulic Machine [2] – 140 Gallon Tank Assembly	AAD20390Q1	46	29.25	40.5	1768 (full) [3]	Rigid Base	INT
GCSHH Controller	AAA21242E3	37.1	11.36	36	147	Tank	
Hydraulic Machine [2] – 190 Gallon Tank Assembly	AAD20390P1	51	29.37	48.15	715 (dry) / 2086 (full) [3]	Rigid Base	UUT-1301-2
GCSHH Controller	AAA21242E3	37.1	11.36	36	147	Tank	
GCS CONTROLLER							
GCSHH Controller	AAA21242E3	37.1	11.36	36	147	Wall	UUT-1301-1B UUT-1301-2B UUT-1501-A1 UUT-1501-A2

MOUNTING	RIGID BASE (FLOOR): free-standing, base-mounted configuration with the component rigidly attached to a supporting structure and no lateral support above the base. WALL: unit is mounted to and fully supported by a building wall or partition. TANK: unit is mounted to and fully supported by the tank wall of the Hydraulic Machine
NOTES	1. Basis: • UUT-#: Indicates that a specimen matching these characteristics was tested. • INT (Interpolated or Extrapolated): indicates a model that was not specifically tested, and by which seismic certification is established through evaluation of testing of other, similar models in the product line. 2. Hydraulic Machine is also referred to as Hydraulic Power Unit 3. Hydraulic Machine weights exclude weight of tank-mounted GCSHH controller. 4. Certification applies to components in Table 1 using subcomponents in Tables 2 & 3 to form a complete assembly.

TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS: HYDRAULIC MACHINE

SUBCOMPONENT	MANUFACTURER	PART NO.	DESCRIPTION/RATING	BASIS
TANKS				
For AAA20390AF1				
Power Unit Tank	Otis	AAA148AQ5	80 Gallon HydroFit™/Hydro Accel Tank	UUT-1301-1
Power Unit Tank Lid	Otis	AAA285SK4	80 Gallon HydroFit™/Hydro Accel Tank	
For AAA20390AA1				
Power Unit Tank	Otis	AAA148AQ8	100 Gallon HydroFit™/Hydro Accel Tank	INT
Power Unit Tank Lid	Otis	AAA285SK7	100 Gallon HydroFit™/Hydro Accel Tank	
For AAD20390Q1				
Power Unit Tank	Otis	AAA148AQ6	140 Gallon HydroFit™/Hydro Accel Tank	INT
Power Unit Tank Lid	Otis	AAA285SK5	140 Gallon HydroFit™/Hydro Accel Tank	
For AAD20390P1				
Power Unit Tank	Otis	AAA148AQ7	190 Gallon HydroFit™/Hydro Accel Tank	UUT-1301-2
Power Unit Tank Lid	Otis	AAA285SK6	190 Gallon HydroFit™/Hydro Accel Tank	

Table continues next page

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TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS: HYDRAULIC MACHINE

SUBCOMPONENT	MANUFACTURER	PART NO.	DESCRIPTION/RATING	BASIS
CONTROL VALVES				
Control Valve	MaXton MFG	271AP11	Pressure: 50 - 800 psi; Flow: 20-80gpm; 56gpm (factory set)	UUT-1301-1
Control Valve	MaXton MFG	271AP12	Pressure: 50 - 800 psi; Flow: 20-185gpm; 75-94gpm (factory set)	INT
Control Valve	MaXton MFG	271AP13	Pressure: 50 - 800 psi; Flow: 20-185gpm; 120-180gpm (factory set)	INT
Control Valve	MaXton MFG	AAA271DL13	Pressure: 50 - 800 psi; Flow: 20-185gpm; 56gpm (factory set)	INT
Control Valve	MaXton MFG	AAA271DL14	Pressure: 50 - 800 psi; Flow: 20-185gpm; 75-94gpm (factory set)	INT
Control Valve	MaXton MFG	AAA271DL15	Pressure: 50 - 800 psi; Flow: 20-185gpm; 120-180gpm (factory set)	INT
Control Valve	MaXton MFG	271AL2	Pressure: 50 - 595 psi; Flow: 85 - 360 gpm	UUT-1301-2
SUBMERSIBLE MOTORS				
AC Submersible Motor	NIDEC (US Motor)	6333DD21	HP: 15HP; Volt: 230/460v	UUT-1301-1
AC Submersible Motor	NIDEC (US Motor)	6333DD22	HP: 20HP; Volt: 230/460v	INT
AC Submersible Motor	NIDEC (US Motor)	6333DD23	HP: 25HP; Volt: 230/460v	INT
AC Submersible Motor	NIDEC (US Motor)	6333DD24	HP: 30HP; Volt: 230/460v	INT
AC Submersible Motor	NIDEC (US Motor)	6333DD25	HP: 40HP; Volt: 230/460v	INT
AC Submersible Motor	NIDEC (US Motor)	6333DD27	HP: 50HP; Volt: 230/460v	INT
AC Submersible Motor	NIDEC (US Motor)	AAA6333ER5	HP: 50HP; Volt: 230/460v	UUT-1301-2
SUBMERSIBLE PUMP				
Pump	Allweiler	6962Y26	Pressure: 450 psi; Flow Rate: 59	UUT-1301-1
Pump	Allweiler	6962Y28	Pressure: 450 psi; Flow Rate: 67	INT
Pump	Allweiler	6962Y27	Pressure: 450 psi; Flow Rate: 76	INT
Pump	Allweiler	6962Y21	Pressure: 450 psi; Flow Rate: 94	INT
Pump	Allweiler	6962Y29	Pressure: 450 psi; Flow Rate: 101	INT
Pump	Allweiler	6962Y22	Pressure: 450 psi; Flow Rate: 117	INT
Pump	Allweiler	6962Y23	Pressure: 450 psi; Flow Rate: 137	INT
Pump	Allweiler	6962Y24	Pressure: 450 psi; Flow Rate: 157	INT
Pump	Allweiler	6962Y25	Pressure: 450 psi; Flow Rate: 177	INT
Pump	Allweiler	6962AE3	Pressure: 250 psi; Flow Rate: 201	INT
Pump	Allweiler	6962AE4	Pressure: 250 psi; Flow Rate: 256	UUT-1301-2
MUFFLER				
Muffler	Otis	AAA726D1		UUT-1301-1 UUT-1301-2
PRESSURE SWITCH				
Low Pressure Switch	GEM Sensor & Controls	AAA20300L2	Pressure: Actuation: 75 psi, Working Pressure: 1000 psi, Electrical: 120V @ 6 Amps	UUT-1301-1 UUT-1301-2

Notes

1. BASIS:
   - UUT-#: Indicates that a test specimen matching these characteristics was tested as part of this testing program.
   - INT (Interpolate/Extrapolate): indicates a model that was not specifically tested, and by which seismic certification is established through evaluation of testing of other, similar models in the product line.
2. Seismic qualification is limited subcomponents installed as part of a complete assembly of the equipment defined in Table 1.
3. Table excludes all Electrical Controllers, Switches, Transformers, Circuit Breakers and Fuses up to 10 lbs. or 10 amperes, except as noted.

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TABLE 3: SEISMIC CERTIFIED SUBCOMPONENTS: CONTROLLER

SUBCOMPONENT	MANUFACTURER	PART No.	DESCRIPTION/RATING	BASIS
TRANSFORMER				
Controller Power Distribution Transformer	Grand Transformer (Otis Design Part)	AAA225JT21	Volt: 440-480v; Front Only; AT400 Door Operator Winding: Copper, Core: Open, Rating: 152VA	UUT-1301-1 UUT-1301-1B UUT-1301-2 UUT-1301-2B
Controller Power Distribution Transformer	Grand Transformer (Otis Design Part)	AAA225JT20	Volt: 208-240v; Front Only; AT400 Door Operator Winding: Copper, Core: Open, Rating: 152VA	INT
Controller Power Distribution Transformer	Grand Transformer (Otis Design Part)	AAA225JT23	Volt: 208-240v; Front & Rear; AT400 Door Operator Winding: Copper, Core: Open, Rating: 250VA	INT
Controller Power Distribution Transformer	Grand Transformer (Otis Design Part)	AAA225JT24	Volt: 440-480v; Front & Rear; AT400 Door Operator Winding: Copper, Core: Open, Rating: 250VA	INT
Controller Power Distribution Transformer	Grand Transformer (Otis Design Part)	AAA225JT27	Volt: 440-480v; Front Only; NGAOK Door Operator Winding: Copper, Core: Open, Rating: 100VA	INT
Controller Power Distribution Transformer	Grand Transformer (Otis Design Part)	AAA225JT29	Volt: 208-240v; Front & Rear; NGAOK Door Operator Winding: Copper, Core: Open, Rating: 200VA	INT
Controller Power Distribution Transformer	Grand Transformer (Otis Design Part)	AAA225JT32	Volt: 208 -240v; Front & Rear; NGAOK Door Operator Winding: Copper, Core: Open, Rating: 918	INT
Controller Power Distribution Transformer	Grand Transformer (Otis Design Part)	AAA225JT33	Volt: 440-480v; Front & Rear; NGAOK Door Operator Winding: Copper, Core: Open, Rating: 918	INT
Controller Power Distribution Transformer	Grand Transformer (Otis Design Part)	AAA225JT35	Volt: 208-240 & 440-480v; Front & Rear; MOD Winding: Copper, Core: Open, Rating: 1302	INT
Controller Power Distribution Transformer	Grand Transformer (Otis Design Part)	AAA225JT30	Volt: 440-480v; Front & Rear; NGAOK Door Operator Winding: Copper, Core: Open, Rating: 200VA	UUT-1501-A1 UUT-1501-A2
MOTOR STARTER				
AC Semiconductor Motor Starter	Siemens	AAA21240AD5	Amps: 17-68 Amps; HP: 15-50HP; Volt: 208-480v	UUT-1301-1 UUT-1301-1B UUT-1301-2 UUT-1301-2B
AC Semiconductor Motor Starter	Siemens	AAA21240AD7	Amps: 26 - 105 Amps; HP: 30-75HP; Volt: 208-480v	INT
AC Semiconductor Motor Starter	Siemens	AAA21240AD8	Amps: 32 - 130 Amps; HP: 40-100HP; Volt: 208-480v	INT
AC Semiconductor Motor Starter	Siemens	AAA21240AD9	Amps: 39 - 156 Amps; HP: 50 - 125HP; Volt: 208-480v	UUT-1501-A1 UUT-1501-A2

Notes

1. BASIS:
   - UUT-#: Indicates that a test specimen matching these characteristics was tested as part of this testing program.
   - INT (Interpolate/Extrapolate): indicates a model that was not specifically tested, and by which seismic certification is established through evaluation of testing of other, similar models in the product line.
2. Seismic qualification is limited subcomponents installed as part of a complete assembly of the equipment defined in Table 1.
3. Table excludes all Electrical Controllers, Switches, Transformers, Circuit Breakers and Fuses up to 10 lbs. or 10 amperes, except as noted.

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UUT-1301-1 Hydraulic Machine w/ 80 gallon Tank & Controller Assembly

MANUFACTURER: Otis Elevator Company

IDENTIFICATION: Hydraulic Machine (80 gallon) Model No.: AAA20390AF1

GCSHH Controller Model No.: AAA21242E3 S/N: 3591303

DESCRIPTION: Hydraulic Machine & Controller Assembly (ACA20390H)

Includes the following sub-components:

Item	Manufacturer	Part No.
Hydraulic Machine	Otis	AAA20390AF1
80 Gallon HydroFit™/Hydro Accel Tank	Otis	AAA148AQ5
80 Gallon HydroFit™/Hydro Accel Tank Lid	Otis	AAA285SK4
Control Valve	MaXton MFG	271AP11
AC Submersible Motor (15HP)	NIDEC (US Motor)	6333DD21
Pump	Allweiler	6962Y26
Muffler	Otis	AAA726D1
Low Pressure Switch	GEM Sensor & Controls	AAA20300L2
GCSHH Controller	Otis	AAA21242E3
Controller Power Distribution Transformer	Grand Transformer	AAA225JT21
AC Semiconductor Motor Starter	Siemens	AAA21240AD5



MOUNTING: Rigid Base (Floor) Mounted using (4) – ½" dia Grade 8 bolts.

PROPERTIES: * Weight includes tank filled with oil and controller mounted to the side of the unit.

DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vert-Axis
42.25	19.12 + 11.36	40.50	1134 *	27.6	20.8	18.7

ICC-ES AC156 (24) 2nd Edition Test Parameters **Building Code: 2025 CBC**

S_{DS} (g)	z/h	R_μ	H_f	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
1.30 2.50	1 0	1.3 1.0	3.5 1.0	1.5	2.50	1.56	1.68	0.68

Unit maintained structural integrity and functionality after the ICC-ES AC156 test. Unit was full of content during test.

UUT-1301-1B GCSHH Controller

MANUFACTURER: Otis Elevator Company

IDENTIFICATION: Model No.: AAA21242E3

Serial No.: 3581303

DESCRIPTION: Same controller test specimen as mounted to the 80 gallon hydraulic machine test specimen in UUT-1301-1.

Includes the following sub-components:

Item	Manufacturer	Part No.
Controller Power Distribution Transformer	Grand Transformer	AAA225JT21
AC Semiconductor Motor Starter	Siemens	AAA21240AD5



MOUNTING: Rigid Wall Mount w/ (4) – 3/8" dia Allen head cap screws through steel tubing with nuts and washers on rear side.

PROPERTIES:

DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vert-Axis
37.1	11.36	36	140.5	N/A	N/A	N/A

ICC-ES AC156 (24) 2nd Edition Test Parameters **Building Code: 2025 CBC**

S_{DS} (g)	z/h	R_μ	H_f	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
1.30 2.50	1 0	1.3 1.0	3.5 1.0	1.5	2.50	1.56	1.68	0.68

Unit maintained structural integrity and functionality after the ICC-ES AC156 test. Unit was full of content during test.

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UUT-1301-2 Hydraulic Machine w/ 190 gallon Tank & Controller Assembly

MANUFACTURER: Otis Elevator Company

IDENTIFICATION: Hydraulic Machine (190 gallon) Model No.: AAD20390P1

GCSHH Controller Model No.: AAA21242E3 S/N: 3591303

DESCRIPTION: Hydraulic Machine & Controller Assembly (ACA20390H)

Includes the following sub-components:

Item	Manufacturer	Part No.
Hydraulic Machine	Otis	AAD20390P1
190 Gallon HydroFit™/Hydro Accel Tank	Otis	AAA148AQ7
190 Gallon HydroFit™/Hydro Accel Tank Lid	Otis	AAA285SK6
Control Valve	MaXton MFG	271AL2
AC Submersible Motor (50HP)	NIDEC (US Motor)	AAA6333ER5
Pump	Allweiler	6962AE4
Muffler	Otis	AAA726D1
Low Pressure Switch	GEM Sensor & Controls	AAA20300L2
GCSHH Controller	Otis	AAA21242E3
Controller Power Distribution Transformer	Grand Transformer	AAA225JT21
AC Semiconductor Motor Starter	Siemens	AAA21240AD5



MOUNTING: Rigid Base (Floor) Mounted using (4) – ½" dia Grade 8 bolts.

PROPERTIES: * Weight includes tank filled with oil and controller mounted to the side of the unit.

DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vert-Axis
51	29.37 + 11.36	48.15	2226 *	8.8	>50	32.2

ICC-ES AC156 (24) 2nd Edition Test Parameters **Building Code: 2025 CBC**

S_{DS} (g)	z/h	R_μ	H_f	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
1.30 2.50	1 0	1.3 1.0	3.5 1.0	1.5	2.50	1.56	1.68	0.68

Unit maintained structural integrity and functionality after the ICC-ES AC156 test. Unit was full of content during test.

UUT-1301-2B GCSHH Controller

MANUFACTURER: Otis Elevator Company

IDENTIFICATION: Model No.: AAA21242E3

Serial No.: 3591303

DESCRIPTION: Same controller test specimen as mounted to the 190 gallon hydraulic machine test specimen in UUT-1301-2.

Includes the following sub-components:

Item	Manufacturer	Part No.
Controller Power Distribution Transformer	Grand Transformer	AAA225JT21
AC Semiconductor Motor Starter	Siemens	AAA21240AD5



MOUNTING: Rigid Wall Mount w/ (4) – 3/8" dia Allen head cap screws through steel tubing with nuts and washers on rear side.

PROPERTIES:

DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vert-Axis
37.1	11.36	36	137.5	N/A	N/A	N/A

ICC-ES AC156 (24) 2nd Edition Test Parameters **Building Code: 2025 CBC**

S_{DS} (g)	z/h	R_μ	H_f	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
1.30 2.50	1 0	1.3 1.0	3.5 1.0	1.5	2.50	1.56	1.68	0.68

Unit maintained structural integrity and functionality after the ICC-ES AC156 test. Unit was full of content during test.

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UUT-1501-A1 GCSHH Controller on Rigid Wall Mount

MANUFACTURER: Otis Elevator Company

IDENTIFICATION: Model No.: AAA21242E3

S/N: 50641715

DESCRIPTION: Main component of elevator control system.
UUT-1501-A1 & UUT-1501-A2 are the same test specimen with different mounting types.

Includes the following sub-components:

Item	Manufacturer	Part No.
Controller Power Distribution Transformer	Grand Transformer	AAA225JT30
AC Semiconductor Motor Starter	Siemens	AAA21240AD9

MOUNTING: Wall mounted using (3) – 20 x 1/4" diameter hex head threaded rolling screws (2 top, 1 bottom).

Interface frame rigidly attached to shake table using (6) – 5/8" diameter grade 8 bolts.



PROPERTIES:

DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vert-Axis
37.1	11.36	36	147	N/A	N/A	N/A

ICC-ES AC156 (24) 2nd Edition Test Parameters **Building Code: 2025 CBC**

S_{DS} (g)	z/h	R_μ	H_f	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
1.30 2.50	1 0	1.3 1.0	3.5 1.0	1.5	2.50	1.56	1.68	0.68

Unit maintained structural integrity and functionality after the ICC-ES AC156 test. Unit was full of content during test.

UUT-1501-A2 GCSHH Controller on Flexible Wall Mount

MANUFACTURER: Otis Elevator Company

IDENTIFICATION: Model No.: AAA21242E3

S/N: 50641715

DESCRIPTION: Main component of elevator control system.
UUT-1501-A1 & UUT-1501-A2 are the same test specimen with different mounting types.

Includes the following sub-components:

Item	Manufacturer	Part No.
Controller Power Distribution Transformer	Grand Transformer	AAA225JT30
AC Semiconductor Motor Starter	Siemens	AAA21240AD9

MOUNTING: Wall mounted using (3) – 20 x 1/4" diameter hex head threaded rolling screws (2 top, 1 bottom).

Interface frame flexibly attached to (4) vibration spring isolators using 1" diameter bolt integral with isolator. The isolators were attached to 30" square x 1" interface plates using (4) – 5/8" diameter grade 8 bolts. The interface plates were attached to shake table using (4) – 5/8" diameter grade 8 bolts.



PROPERTIES:

DIMENSIONS (in.)				LOWEST RESONANT FREQUENCY (Hz)		
Width	Depth	Height	Weight (lb)	Front-Axis	Side-Axis	Vert-Axis
37.1	11.36	36	147	N/A	N/A	N/A

ICC-ES AC156 (24) 2nd Edition Test Parameters **Building Code: 2025 CBC**

S_{DS} (g)	z/h	R_μ	H_f	I_P	A_{FLX-H} (g)	A_{RIG-H} (g)	A_{FLX-V} (g)	A_{RIG-V} (g)
1.30 2.50	1 0	1.3 1.0	3.5 1.0	1.5	2.50	1.56	1.68	0.68

Unit maintained structural integrity and functionality after the ICC-ES AC156 test. Unit was full of content during test.

REVIEWED FOR CODE COMPLIANCE WITH FLORIDA BUILDING CODE, 2025
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DATE: 11/17/2026

ATTACHMENT 3: TEST SUMMARY

UUT	REPORT NUMBER	TEST DATE	TEST FACILITY	REPORT UUT
1301-1	SQ10130102	June 4, 2013	Environmental Testing Laboratory, Inc.	1
1301-1B				1B
1301-2				2
1301-2B				2B
1501-A1	SQ10150101	May 1, 2015		A1
1501-A2				A2

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