



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT**

**APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)**

OFFICE USE ONLY

APPLICATION #: OSP-0619

HCAI Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Eaton

Manufacturer's Technical Representative: Craig Depas

Mailing Address: W126N7250 Flint Drive, Menomonee Falls, WI 53051

Telephone: (414) 449-6037

Email: craighdepas@eaton.com

Product Information

Product Name: Open and Enclosed Low Voltage Drives

Product Model Number(s): EHC, EHB, EHD, EGS, SVX, VS3, DG1, DH1

Product Category: Motor Control Centers

Product Sub-Category: Motor Control Centers - Low Voltage

General Description: Open or enclosed, low voltage variable frequency drives, 575V and 150 HP maximum.

Mounting Description: Wall Mounted Rigid

Tested Seismic Enhancements: Seismic enhancements made to the test units and/or modifications required to address anomalies during the tests shall be incorporated into the production units.

Applicant Information

Applicant Company Name: WE Gundy & Associates, Inc

Contact Person: Travis Soppe

Mailing Address: PO Box 9121, Boise, ID 83707

Telephone: (208) 342-5989

Email: tsoppe@wegai.com

Title: President





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OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT**

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

Company Name: W.E. GUNDY & ASSOCIATES INC.

Name: Travis Soppe California License Number: S6115

Mailing Address: P.O. Box 9121, Boise, ID 83707

Telephone: (208) 342-5989 Email: tsoppe@wegai.com

Certification Method

- GR-63-Core
 ICC-ES AC156
 IEEE 344
 IEEE 693
 NEBS 3
 Other (Please Specify): _____

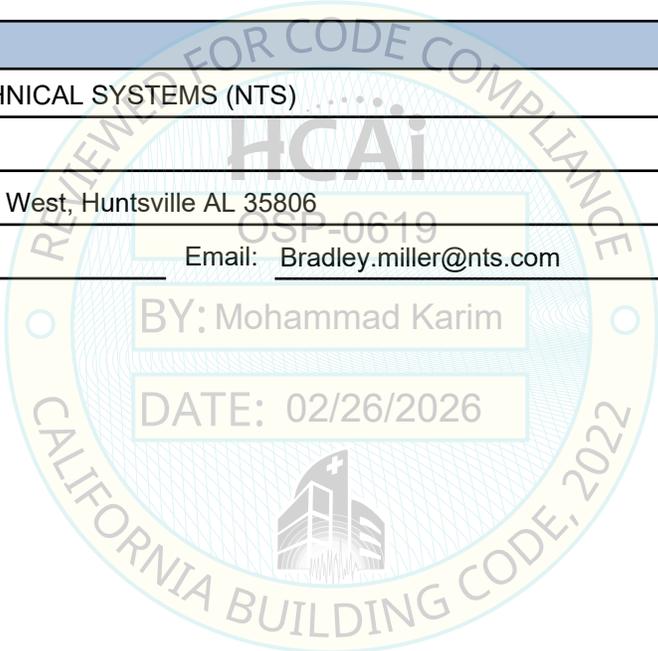
Testing Laboratory

Company Name: NATIONAL TECHNICAL SYSTEMS (NTS)

Contact Person: Bradley Miller

Mailing Address: 7800 Highway 20 West, Huntsville AL 35806

Telephone: (256) 837-4411 Email: Bradley.miller@nts.com





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Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) = 1.76

SDS (Design spectral response acceleration at short period, g) = 2.35

a_p (Amplification factor) = 2.5

R_p (Response modification factor) = 6.0

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 1

Natural frequencies (Hz) = See Attachment

Overall dimensions and weight = See Attachment

HCAI Approval (For Office Use Only) - Approval Expires on 02/26/2032

Date: 2/26/2026

Name: Mohammad Karim Title: Supervisor, Health Facilities

Special Seismic Certification Valid Up to: SDS (g) = 2.35 z/h = 1

Condition of Approval (if applicable): BY: Mohammad Karim

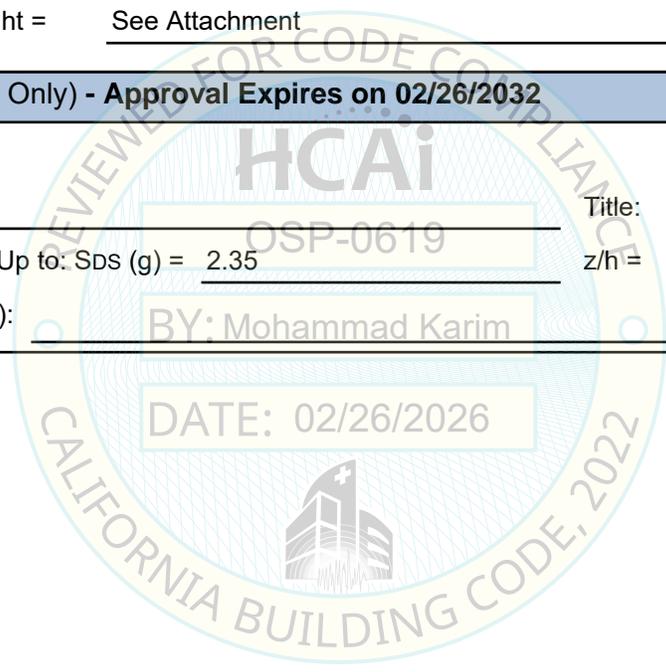


TABLE 1

**EATON LV VARIABLE FREQUENCY DRIVES
WALL MOUNTED - OPEN VFD - DG1 and DH1
SEISMICALLY CERTIFIED COMPONENTS TABLE**



Model Number ¹	Max Voltage (V)	Power (HP)	Dimensions (in)			Weight (lbs)	Representative UUT ²
			Width	Depth	Height		
DG1-323D7	230	0.8	10.6	5.0	6.8	4	Extrapolated
DG1-324D8	230	1.0	10.6	5.0	6.8	4	
DH1-324D8	230	1.0	10.6	5.0	6.8	4	
DG1-326D6	230	1.5	10.6	5.0	6.8	4	
DH1-326D6	230	1.5	10.6	5.0	6.8	4	
DH1-327D8	230	2.0	10.6	5.0	6.8	4	
DG1-342D2	480	1.0	10.6	5.0	6.8	4	
DG1-343D3	480	1.5	10.6	5.0	6.8	4	
DG1-344D3	480	2.0	10.6	5.0	6.8	4	
DG1-345D6	480	3.0	10.6	5.0	6.8	4	
DH1-343D3	480	1.0	10.6	5.0	6.8	4	
DH1-344D3	480	1.5	10.6	5.0	6.8	4	
DH1-345D6	480	2.0	10.6	5.0	6.8	4	
DH1-347D6	480	3.0	10.6	5.0	6.8	4	
DG1-323D7	230	0.8	12.9	6.0	7.9	14	
DG1-327D8	230	2.0	12.9	6.0	7.9	14	
DG1-32011	230	3.0	12.9	6.0	7.9	14	
DH1-32011	230	3.0	12.9	6.0	7.9	14	
DH1-32012	230	4.0	12.9	6.0	7.9	14	
DG1-347D6	480	5.0	12.9	6.0	7.9	14	
DH1-349D0	480	5.0	12.9	6.0	7.9	14	
DG1-349D0	480	7.5	12.9	6.0	7.9	14	
DH1-34012	480	7.5	12.9	6.0	7.9	14	
DG1-353D3	575	2.0	12.9	6.0	7.9	14	
DG1-354D5	575	3.0	12.9	6.0	7.9	14	
DH1-354D5	575	3.0	12.9	6.0	7.9	14	
DG1-357D5	575	5.0	12.9	6.0	7.9	14	
DH1-357D5	575	5.0	12.9	6.0	7.9	14	
DH1-35010	575	7.5	12.9	6.0	7.9	14	
DG1-32012	230	5.0	16.5	6.6	9.6	23	
DG1-32017	230	5.0	16.5	6.6	9.6	23	
DH1-32017	230	5.0	16.5	6.6	9.6	23	
DG1-32025	230	7.5	16.5	6.6	9.6	23	
DH1-32025	230	7.5	16.5	6.6	9.6	23	
DH1-32031	230	10.0	16.5	6.6	9.6	23	
DG1-34012	480	7.5	16.5	6.6	9.6	23	
DG1-34016	480	10.0	16.5	6.6	9.6	23	
DH1-34016	480	10.0	16.5	6.6	9.6	23	
DG1-34023	480	15.0	16.5	6.6	9.6	23	
DH1-34023	480	15.0	16.5	6.6	9.6	23	
DH1-34031	480	20.0	16.5	6.6	9.6	23	
DG1-35010	575	7.5	16.5	6.6	9.6	23	
DG1-35013	575	10.0	16.5	6.6	9.6	23	
DH1-35013	575	10.0	16.5	6.6	9.6	23	
DG1-35018	575	15.0	16.5	6.6	9.6	23	
DH1-35018	575	15.0	16.5	6.6	9.6	23	
DH1-35022	575	20.0	16.5	6.6	9.6	23	

TABLE 1

**EATON LV VARIABLE FREQUENCY DRIVES
WALL MOUNTED - OPEN VFD - DG1 and DH1
SEISMICALLY CERTIFIED COMPONENTS TABLE**



Model Number ¹	Max Voltage (V)	Power (HP)	Dimensions (in)			Weight (lbs)	Representative UUT ²
			Width	Depth	Height		
DG1-32031	230	10.0	22.0	8.1	10.4	50	Extrapolated
DG1-32048	230	15.0	22.0	8.1	10.4	50	
DH1-32048	230	15.0	22.0	8.1	10.4	50	
DH1-32061	230	20.0	22.0	8.1	10.4	50	
DG1-34031	480	20.0	22.0	8.1	10.4	50	
DG1-34038	480	25.0	22.0	8.1	10.4	50	
DH1-34038	480	25.0	22.0	8.1	10.4	50	
DG1-34046	480	30.0	22.0	8.1	10.4	50	UUT_y-16
DH1-34046	480	30.0	22.0	8.1	10.4	50	Interpolated
DH1-34061	480	40.0	22.0	8.1	10.4	50	
DG1-35022	575	20.0	22.0	8.1	10.4	50	
DG1-35027	575	25.0	22.0	8.1	10.4	50	
DH1-35027	575	25.0	22.0	8.1	10.4	50	
DG1-35034	575	30.0	22.0	8.1	10.4	50	
DH1-35034	575	30.0	22.0	8.1	10.4	50	
DH1-35041	575	40.0	22.0	8.1	10.4	50	
DG1-32061	230	20.0	24.8	9.4	11.6	78	
DG1-32075	230	25.0	24.8	9.4	11.6	78	
DH1-32075	230	25.0	24.8	9.4	11.6	78	
DG1-32088	230	30.0	24.8	9.4	11.6	78	
DH1-32088	230	30.0	24.8	9.4	11.6	78	
DH1-32114	230	40.0	24.8	9.4	11.6	78	
DG1-34061	480	40.0	24.8	9.4	11.6	78	
DG1-34072	480	50.0	24.8	9.4	11.6	78	
DH1-34072	480	50.0	24.8	9.4	11.6	78	
DG1-34087	480	60.0	24.8	9.4	11.6	78	
DH1-34087	480	60.0	24.8	9.4	11.6	78	
DH1-34105	480	75.0	24.8	9.4	11.6	78	
DG1-35041	575	40.0	24.8	9.4	11.6	78	
DG1-35052	575	50.0	24.8	9.4	11.6	78	
DH1-35052	575	50.0	24.8	9.4	11.6	78	
DG1-35062	575	60.0	24.8	9.4	11.6	78	
DH1-35062	575	60.0	24.8	9.4	11.6	78	
DH1-35080	575	75.0	24.8	9.4	11.6	78	
DG1-32114	230	40.0	35.0	11.3	13.4	154	
DG1-32143	230	50.0	35.0	11.3	13.4	154	
DH1-32143	230	50.0	35.0	11.3	13.4	154	
DG1-32170	230	60.0	35.0	11.3	13.4	154	
DH1-32170	230	60.0	35.0	11.3	13.4	154	
DH1-32211	230	75.0	35.0	11.3	13.4	154	
DG1-34105	480	75.0	35.0	11.3	13.4	154	
DG1-34140	480	100.0	35.0	11.3	13.4	154	
DH1-34140	480	100.0	35.0	11.3	13.4	154	
DG1-34170	480	125.0	35.0	11.3	13.4	154	
DH1-34170	480	125.0	35.0	11.3	13.4	154	
DH1-34205	480	150.0	35.0	11.3	13.4	154	

Model Number ¹	Max Voltage (V)	Power (HP)	Dimensions (in)			Weight (lbs)	Representative UUT ²
			Width	Depth	Height		
DG1-35080	575	75.0	35.0	11.3	13.4	154	Interpolated
DG1-35100	575	100.0	35.0	11.3	13.4	154	
DH1-35100	575	100.0	35.0	11.3	13.4	154	
DG1-35125	575	125.0	35.0	11.3	13.4	154	
DH1-35125	575	125.0	35.0	11.3	13.4	154	
DH1-35144	575	150.0	35.0	11.3	13.4	154	
DG1-32211	230	75.0	34.0	19.1	14.6	281	
DG1-32248	230	100.0	34.0	19.1	14.6	281	
DH1-32261	230	100.0	34.0	19.1	14.6	281	
DH1-32312	230	125.0	34.0	19.1	14.6	281	
DG1-34205	480	150.0	34.0	19.1	14.6	281	
DG1-34245	480	200.0	34.0	19.1	14.6	281	
DH1-34261	480	200.0	34.0	19.1	14.6	281	
DH1-34310	480	250.0	34.0	19.1	14.6	281	
DG1-35144	575	150.0	34.0	19.1	14.6	281	
DG1-35208	575	200.0	34.0	19.1	14.6	281	
DH1-35208	575	200.0	34.0	19.1	14.6	281	

General Notes:

¹ The model numbers listed uniquely identify the type of component, manufacturer, and material of construction for each sub-component with the tested units.

² Subscript indicates the test report in which the units were qualified:

y - TR-PR098668-01 / z - PR111727-TR-20

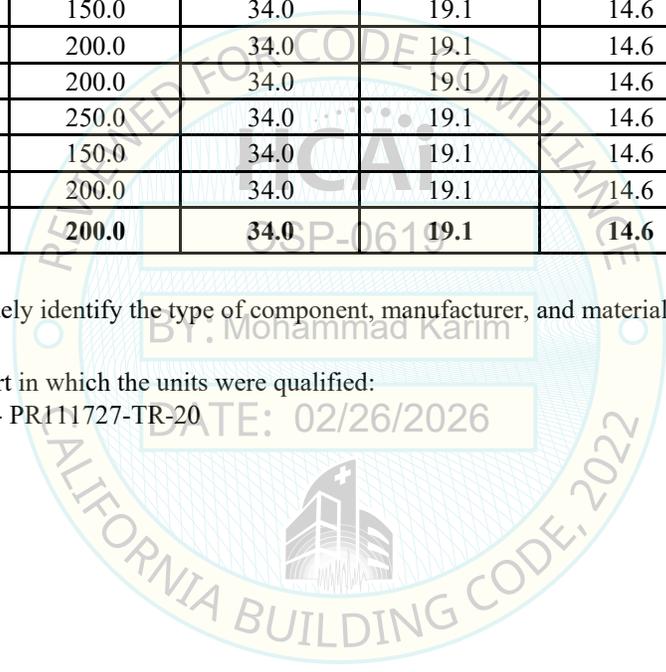


TABLE 2

**EATON LV VARIABLE FREQUENCY DRIVES
WALL MOUNTED - OPEN VFD - SVX and SPX
SEISMICALLY CERTIFIED COMPONENTS TABLE**



Model Number ¹	Max Voltage (V)	Power (HP)	Dimensions (in)			Weight (lbs)	Representative UUT ²
			Width	Depth	Height		
SVXF07A1-2	230	0.8	12.9	5.0	7.5	11	Extrapolated
SVXF07A2-2	230	0.8	12.9	5.0	7.5	11	
SVXF07A1-2	230	0.8	12.9	5.0	7.5	11	
SPXF07A2-2	230	0.8	12.9	5.0	7.5	11	
SPXF07A1-2	230	0.8	12.9	5.0	7.5	11	
SVX001A2-2	230	1.0	12.9	5.0	7.5	11	
SVX001A1-2	230	1.0	12.9	5.0	7.5	11	
SPX001A2-2	230	1.0	12.9	5.0	7.5	11	
SPX001A1-2	230	1.0	12.9	5.0	7.5	11	
SVXF15A2-2	230	1.5	12.9	5.0	7.5	11	
SVXF15A1-2	230	1.5	12.9	5.0	7.5	11	
SPXF15A2-2	230	1.5	12.9	5.0	7.5	11	
SPXF15A1-2	230	1.5	12.9	5.0	7.5	11	
SVX002A2-2	230	2.0	12.9	5.0	7.5	11	
SVX002A1-2	230	2.0	12.9	5.0	7.5	11	
SPX002A2-2	230	2.0	12.9	5.0	7.5	11	
SPX002A1-2	230	2.0	12.9	5.0	7.5	11	
SVX003A2-2	230	3.0	12.9	5.0	7.5	11	
SVX003A1-2	230	3.0	12.9	5.0	7.5	11	
SPX003A2-2	230	3.0	12.9	5.0	7.5	11	
SPX003A1-2	230	3.0	12.9	5.0	7.5	11	
SVX001A2-4	480	1.0	12.9	5.0	7.5	11	
SVX001A1-4	480	1.0	12.9	5.0	7.5	11	
SPX001A2-4	480	1.0	12.9	5.0	7.5	11	
SPX001A1-4	480	1.0	12.9	5.0	7.5	11	
SVXF15A2-4	480	1.5	12.9	5.0	7.5	11	
SVXF15A1-4	480	1.5	12.9	5.0	7.5	11	
SPXF15A2-4	480	1.5	12.9	5.0	7.5	11	
SPXF15A1-4	480	1.5	12.9	5.0	7.5	11	
SVX002A2-4	480	2.0	12.9	5.0	7.5	11	
SVX002A1-4	480	2.0	12.9	5.0	7.5	11	
SPX002A2-4	480	2.0	12.9	5.0	7.5	11	
SPX002A1-4	480	2.0	12.9	5.0	7.5	11	
SVX003A2-4	480	3.0	12.9	5.0	7.5	11	
SVX003A1-4	480	3.0	12.9	5.0	7.5	11	
SPX003A2-4	480	3.0	12.9	5.0	7.5	11	
SPX003A1-4	480	3.0	12.9	5.0	7.5	11	
SVX005A2-4	480	5.0	12.9	5.0	7.5	11	
SVX005A1-4	480	5.0	12.9	5.0	7.5	11	
SPX005A2-4	480	5.0	12.9	5.0	7.5	11	
SPX005A1-4	480	5.0	12.9	5.0	7.5	11	
SVX006A2-4	480	7.5	12.9	5.0	7.5	11	
SVX006A1-4	480	7.5	12.9	5.0	7.5	11	
SPX006A2-4	480	7.5	12.9	5.0	7.5	11	
SPX006A1-4	480	7.5	12.9	5.0	7.5	11	
SVX004A2-2	230	5.0	16.5	5.7	8.4	18	
SVX004A1-2	230	5.0	16.5	5.7	8.4	18	

TABLE 2

**EATON LV VARIABLE FREQUENCY DRIVES
WALL MOUNTED - OPEN VFD - SVX and SPX
SEISMICALLY CERTIFIED COMPONENTS TABLE**



Model Number ¹	Max Voltage (V)	Power (HP)	Dimensions (in)			Weight (lbs)	Representative UUT ²
			Width	Depth	Height		
SVX005A2-2	230	5.0	16.5	5.7	8.4	18	Extrapolated
SVX005A1-2	230	5.0	16.5	5.7	8.4	18	
SPX004A2-2	230	5.0	16.5	5.7	8.4	18	
SPX004A1-2	230	5.0	16.5	5.7	8.4	18	
SPX005A2-2	230	5.0	16.5	5.7	8.4	18	
SPX005A1-2	230	5.0	16.5	5.7	8.4	18	
SVX007A2-2	230	7.5	16.5	5.7	8.4	18	
SVX007A1-2	230	7.5	16.5	5.7	8.4	18	
SPX007A2-2	230	7.5	16.5	5.7	8.4	18	
SPX007A1-2	230	7.5	16.5	5.7	8.4	18	
SVX007A2-4	480	7.5	16.5	5.7	8.4	18	
SVX007A1-4	480	7.5	16.5	5.7	8.4	18	
SPX007A2-4	480	7.5	16.5	5.7	8.4	18	
SPX007A1-4	480	7.5	16.5	5.7	8.4	18	
SPX007B1-4	480	7.5	16.5	5.7	8.4	18	
SVX010A2-4	480	10.0	16.5	5.7	8.4	18	
SVX010A1-4	480	10.0	16.5	5.7	8.4	18	
SPX010A2-4	480	10.0	16.5	5.7	8.4	18	
SPX010A1-4	480	10.0	16.5	5.7	8.4	18	
SVX015A2-4	480	15.0	16.5	5.7	8.4	18	
SVX015A1-4	480	15.0	16.5	5.7	8.4	18	
SPX015A2-4	480	15.0	16.5	5.7	8.4	18	
SPX015A1-4	480	15.0	16.5	5.7	8.4	18	
SVX010A2-2	230	10.0	22.0	7.7	9.3	41	
SVX010A1-2	230	10.0	22.0	7.7	9.3	41	
SPX010A2-2	230	10.0	22.0	7.7	9.3	41	
SPX010A1-2	230	10.0	22.0	7.7	9.3	41	
SVX015A2-2	230	15.0	22.0	7.7	9.3	41	
SVX015A1-2	230	15.0	22.0	7.7	9.3	41	
SPX015A2-2	230	15.0	22.0	7.7	9.3	41	
SPX015A1-2	230	15.0	22.0	7.7	9.3	41	
SVX020A2-4	480	20.0	22.0	7.7	9.3	41	
SVX020A1-4	480	20.0	22.0	7.7	9.3	41	
SPX020A2-4	480	20.0	22.0	7.7	9.3	41	
SPX020A1-4	480	20.0	22.0	7.7	9.3	41	
SVX025A2-4	480	25.0	22.0	7.7	9.3	41	
SVX025A1-4	480	25.0	22.0	7.7	9.3	41	UUT_y-18
SPX025A2-4	480	25.0	22.0	7.7	9.3	41	Interpolated
SPX025A1-4	480	25.0	22.0	7.7	9.3	41	
SVX030A2-4	480	30.0	22.0	7.7	9.3	41	
SVX030A1-4	480	30.0	22.0	7.7	9.3	41	
SPX030A2-4	480	30.0	22.0	7.7	9.3	41	
SPX030A1-4	480	30.0	22.0	7.7	9.3	41	
SVX002A2-5	575	2.0	22.0	7.7	9.3	41	
SVX002A1-5	575	2.0	22.0	7.7	9.3	41	
SPX002A2-5	575	2.0	22.0	7.7	9.3	41	

TABLE 2

**EATON LV VARIABLE FREQUENCY DRIVES
WALL MOUNTED - OPEN VFD - SVX and SPX
SEISMICALLY CERTIFIED COMPONENTS TABLE**



Model Number ¹	Max Voltage (V)	Power (HP)	Dimensions (in)			Weight (lbs)	Representative UUT ²
			Width	Depth	Height		
SPX002A1-5	575	2.0	22.0	7.7	9.3	41	Interpolated
SVX003A2-5	575	3.0	22.0	7.7	9.3	41	
SVX003A1-5	575	3.0	22.0	7.7	9.3	41	
SPX003A2-5	575	3.0	22.0	7.7	9.3	41	
SPX003A1-5	575	3.0	22.0	7.7	9.3	41	
SVX004A2-5	575	5.0	22.0	7.7	9.3	41	
SVX004A1-5	575	5.0	22.0	7.7	9.3	41	
SVX005A2-5	575	5.0	22.0	7.7	9.3	41	
SVX005A1-5	575	5.0	22.0	7.7	9.3	41	
SPX004A2-5	575	5.0	22.0	7.7	9.3	41	
SPX004A1-5	575	5.0	22.0	7.7	9.3	41	
SPX005A2-5	575	5.0	22.0	7.7	9.3	41	
SPX005A1-5	575	5.0	22.0	7.7	9.3	41	
SVX007S2-5	575	7.5	22.0	7.7	9.3	41	
SVX007A1-5	575	7.5	22.0	7.7	9.3	41	
SPX007A2-5	575	7.5	22.0	7.7	9.3	41	
SPX007A1-5	575	7.5	22.0	7.7	9.3	41	
SVX010A2-5	575	10.0	22.0	7.7	9.3	41	
SVX010A1-5	575	10.0	22.0	7.7	9.3	41	
SPX010A2-5	575	10.0	22.0	7.7	9.3	41	
SPX010A1-5	575	10.0	22.0	7.7	9.3	41	
SVX015A2-5	575	15.0	22.0	7.7	9.3	41	
SVX015A1-5	575	15.0	22.0	7.7	9.3	41	
SPX015A2-5	575	15.0	22.0	7.7	9.3	41	
SPX015A1-5	575	15.0	22.0	7.7	9.3	41	
SVX020A2-5	575	20.0	22.0	7.7	9.3	41	
SVX020A1-5	575	20.0	22.0	7.7	9.3	41	
SPX020A2-5	575	20.0	22.0	7.7	9.3	41	
SPX020A1-5	575	20.0	22.0	7.7	9.3	41	
SVX025A2-5	575	25.0	22.0	7.7	9.3	41	
SVX025A1-5	575	25.0	22.0	7.7	9.3	41	
SPX025A2-5	575	25.0	22.0	7.7	9.3	41	
SPX025A1-5	575	25.0	22.0	7.7	9.3	41	
SVX020A2-2	230	20.0	25.6	10.6	10.1	77	
SVX020A1-2	230	20.0	25.6	10.6	10.1	77	
SPX020A2-2	230	20.0	25.6	10.6	10.1	77	
SPX020A1-2	230	20.0	25.6	10.6	10.1	77	
SVX025A2-2	230	25.0	25.6	10.6	10.1	77	
SVX025A1-2	230	25.0	25.6	10.6	10.1	77	
SPX025A2-2	230	25.0	25.6	10.6	10.1	77	
SPX025A1-2	230	25.0	25.6	10.6	10.1	77	
SVX030A2-2	230	30.0	25.6	10.6	10.1	77	
SVX030A1-2	230	30.0	25.6	10.6	10.1	77	
SPX030A2-2	230	30.0	25.6	10.6	10.1	77	
SPX030A1-2	230	30.0	25.6	10.6	10.1	77	
SVX040A2-4	480	40.0	25.6	10.6	10.1	77	
SVX040A1-4	480	40.0	25.6	10.6	10.1	77	

TABLE 2

**EATON LV VARIABLE FREQUENCY DRIVES
WALL MOUNTED - OPEN VFD - SVX and SPX
SEISMICALLY CERTIFIED COMPONENTS TABLE**



Model Number ¹	Max Voltage (V)	Power (HP)	Dimensions (in)			Weight (lbs)	Representative UUT ²
			Width	Depth	Height		
SPX040A2-4	480	40.0	25.6	10.6	10.1	77	Interpolated
SPX040A1-4	480	40.0	25.6	10.6	10.1	77	
SVX050A2-4	480	50.0	25.6	10.6	10.1	77	
SVX050A1-4	480	50.0	25.6	10.6	10.1	77	
SPX050A2-4	480	50.0	25.6	10.6	10.1	77	
SPX050A1-4	480	50.0	25.6	10.6	10.1	77	
SVX060A2-4	480	60.0	25.6	10.6	10.1	77	
SVX060A1-4	480	60.0	25.6	10.6	10.1	77	
SPX060A2-4	480	60.0	25.6	10.6	10.1	77	
SPX060A1-4	480	60.0	25.6	10.6	10.1	77	
SVX030A2-5	575	30.0	25.6	10.6	10.1	77	
SVX030A1-5	575	30.0	25.6	10.6	10.1	77	
SPX030A2-5	575	30.0	25.6	10.6	10.1	77	
SPX030A1-5	575	30.0	25.6	10.6	10.1	77	
SVX040A2-5	575	40.0	25.6	10.6	10.1	77	
SVX040A1-5	575	40.0	25.6	10.6	10.1	77	
SPX040A2-5	575	40.0	25.6	10.6	10.1	77	
SPX040A1-5	575	40.0	25.6	10.6	10.1	77	
SVX040A2-2	230	40.0	32.8	14.0	13.4	128	
SVX040A1-2	230	40.0	32.8	14.0	13.4	128	
SPX040A2-2	230	40.0	32.8	14.0	13.4	128	
SPX040A1-2	230	40.0	32.8	14.0	13.4	128	
SVX050A2-2	230	50.0	32.8	14.0	13.4	128	
SVX050A1-2	230	50.0	32.8	14.0	13.4	128	
SPX050A2-2	230	50.0	32.8	14.0	13.4	128	
SPX050A1-2	230	50.0	32.8	14.0	13.4	128	
SVX060A2-2	230	60.0	32.8	14.0	13.4	128	
SVX060A1-2	230	60.0	32.8	14.0	13.4	128	
SPX060A2-2	230	60.0	32.8	14.0	13.4	128	
SPX060A1-2	230	60.0	32.8	14.0	13.4	128	
SVX075A2-4	480	75.0	32.8	14.0	13.4	128	
SVX075A1-4	480	75.0	32.8	14.0	13.4	128	
SPX075A2-4	480	75.0	32.8	14.0	13.4	128	
SPX075A1-4	480	75.0	32.8	14.0	13.4	128	
SVX100A2-4	480	100.0	32.8	14.0	13.4	128	
SVX100A1-4	480	100.0	32.8	14.0	13.4	128	
SPX100A2-4	480	100.0	32.8	14.0	13.4	128	
SPX100A1-4	480	100.0	32.8	14.0	13.4	128	
SVX125A2-4	480	125.0	32.8	14.0	13.4	128	
SVX125A1-4	480	125.0	32.8	14.0	13.4	128	
SPX125A2-4	480	125.0	32.8	14.0	13.4	128	
SPX125A1-4	480	125.0	32.8	14.0	13.4	128	
SVX050A2-5	575	50.0	32.8	14.0	13.4	128	
SVX050A1-5	575	50.0	32.8	14.0	13.4	128	
SPX050A2-5	575	50.0	32.8	14.0	13.4	128	
SPX050A1-5	575	50.0	32.8	14.0	13.4	128	
SVX060A2-5	575	60.0	32.8	14.0	13.4	128	

TABLE 2

**EATON LV VARIABLE FREQUENCY DRIVES
WALL MOUNTED - OPEN VFD - SVX and SPX
SEISMICALLY CERTIFIED COMPONENTS TABLE**



Model Number ¹	Max Voltage (V)	Power (HP)	Dimensions (in)			Weight (lbs)	Representative UUT ²
			Width	Depth	Height		
SVX060A1-5	575	60.0	32.8	14.0	13.4	128	Interpolated
SPX060A2-5	575	60.0	32.8	14.0	13.4	128	
SPX060A1-5	575	60.0	32.8	14.0	13.4	128	
SVX075A2-5	575	75.0	32.8	14.0	13.4	128	
SVX075A1-5	575	75.0	32.8	14.0	13.4	128	
SPX075A2-5	575	75.0	32.8	14.0	13.4	128	
SPX075A1-5	575	75.0	32.8	14.0	13.4	128	
SVX075A2-2	230	75.0	45.3	18.8	14.3	322	
SVX075A1-2	230	75.0	45.3	18.8	14.3	322	
SPX075A2-2	230	75.0	45.3	18.8	14.3	322	
SPX075A1-2	230	75.0	45.3	18.8	14.3	322	
SVX100A2-2	230	100.0	45.3	18.8	14.3	322	
SVX100A1-2	230	100.0	45.3	18.8	14.3	322	
SPX100A2-2	230	100.0	45.3	18.8	14.3	322	
SPX100A1-2	230	100.0	45.3	18.8	14.3	322	
SVX100A2-5	575	100.0	45.3	18.8	14.3	322	
SVX100A1-5	575	100.0	45.3	18.8	14.3	322	
SPX100A2-5	575	100.0	45.3	18.8	14.3	322	
SPX100A1-5	575	100.0	45.3	18.8	14.3	322	
SVX125A2-5	575	125.0	45.3	18.8	14.3	322	
SVX125A1-5	575	125.0	45.3	18.8	14.3	322	
SPX125A2-5	575	125.0	45.3	18.8	14.3	322	
SPX125A1-5	575	125.0	45.3	18.8	14.3	322	
SVX150A2-5	575	150.0	45.3	18.8	14.3	322	
SVX150A1-5	575	150.0	45.3	18.8	14.3	322	
SPX150A2-5	575	150.0	45.3	18.8	14.3	322	
SPX150A1-5	575	150.0	45.3	18.8	14.3	322	
SVX175A2-5	575	200.0	45.3	18.8	14.3	322	
SVX175A1-5	575	200.0	45.3	18.8	14.3	322	
SPX175A2-5	575	200.0	45.3	18.8	14.3	322	
SPX175A1-5	575	200.0	45.3	18.8	14.3	322	
SPX150A2-4	480	150.0	45.3	18.8	14.3	322	
SPX150A1-4	480	150.0	45.3	18.8	14.3	322	
SVX200A2-4	480	200.0	45.3	18.8	14.3	322	
SPX200A2-4	480	200.0	45.3	18.8	14.3	322	
SPX200A1-4	480	200.0	45.3	18.8	14.3	322	
SVX150A2-4	480	150.0	45.3	18.8	14.3	322	
SVX150A1-4	480	150.0	45.3	18.8	14.3	322	
SVX200A1-4	480	200.0	45.3	18.8	14.3	322	UUT_y-19

General Notes:

¹ The model numbers listed uniquely identify the type of component, manufacturer, and material of construction for each sub-component with the tested units.

² Subscript indicates the test report in which the units were qualified:
y - TR-PR098668-01 / z - PR111727-TR-20

TABLE 3

**EATON LV VARIABLE FREQUENCY DRIVES
WALL MOUNTED - OPEN VFD - VS3
SEISMICALLY CERTIFIED COMPONENTS TABLE**



Model Number ¹	Max Voltage (V)	Power (HP)	Enclosure Dimensions (in)			Weight (lbs)	Representative UUT ²
			Width	Depth	Height		
VS3-D75-2	230	1	10.6	5.0	6.8	4	Extrapolated
VS3-1D1-2	230	1.5	10.6	5.0	6.8	4	
VS3-1D5-2	230	2	10.6	5.0	6.8	4	
VS3-1D1-4	480	1.5	10.6	5.0	6.8	4	
VS3-1D5-4	480	2	10.6	5.0	6.8	4	
VS3-2D2-4	480	3	10.6	5.0	6.8	4	
VS3-3D0-4	480	5	10.6	5.0	6.8	4	
VS3-001-2	230	1	12.9	6.0	7.9	14	
VS3-D75-2	230	1	12.9	6.0	7.9	14	
VS3-002-2	230	2	12.9	6.0	7.9	14	
VS3-003-2	230	3	12.9	6.0	7.9	14	
VS3-2D2-2	230	3	12.9	6.0	7.9	14	
VS3-3D0-2	230	3	12.9	6.0	7.9	14	
VS3-002-4	480	2	12.9	6.0	7.9	14	
VS3-003-4	480	3	12.9	6.0	7.9	14	
VS3-005-4	480	5	12.9	6.0	7.9	14	
VS3-7D5-4	480	7.5	12.9	6.0	7.9	14	
VS3-5D5-4	480	7.5	12.9	6.0	7.9	14	
VS3-015-4	480	15	12.9	6.0	7.9	14	
VS3-025-4	480	25	12.9	6.0	7.9	14	
VS3-050-4	480	50	12.9	6.0	7.9	14	
VS3-100-4	480	100	12.9	6.0	7.9	14	
VS3-150-4	480	150	12.9	6.0	7.9	14	
VS3-003-5	575	3	12.9	6.0	7.9	14	
VS3-005-5	575	5	12.9	6.0	7.9	14	
VS3-7D5-5	575	7.5	12.9	6.0	7.9	14	
VS3-005-2	230	5	16.5	6.6	9.6	23	
VS3-3D7-2	230	5	16.5	6.6	9.6	23	
VS3-7D5-2	230	7.5	16.5	6.6	9.6	23	
VS3-5D5-2	230	7.5	16.5	6.6	9.6	23	
VS3-010-2	230	10	16.5	6.6	9.6	23	
VS3-010-4	480	10	16.5	6.6	9.6	23	
VS3-011-4	480	15	16.5	6.6	9.6	23	
VS3-020-4	480	20	16.5	6.6	9.6	23	
VS3-010-5	575	10	16.5	6.6	9.6	23	
VS3-015-5	575	15	16.5	6.6	9.6	23	
VS3-020-5	575	20	16.5	6.6	9.6	23	
VS3-015-2	230	15	22.0	8.1	10.4	50	
VS3-011-2	230	15	22.0	8.1	10.4	50	
VS3-020-2	230	20	22.0	8.1	10.4	50	
VS3-018-4	480	25	22.0	8.1	10.4	50	
VS3-030-4	480	30	22.0	8.1	10.4	50	
VS3-022-4	480	30	22.0	8.1	10.4	50	
VS3-040-4	480	40	22.0	8.1	10.4	50	UUT_y-16
VS3-025-5	575	25	22.0	8.1	10.4	50	Interpolated
VS3-030-5	575	30	22.0	8.1	10.4	50	

TABLE 3

**EATON LV VARIABLE FREQUENCY DRIVES
WALL MOUNTED - OPEN VFD - VS3
SEISMICALLY CERTIFIED COMPONENTS TABLE**



Model Number ¹	Max Voltage (V)	Power (HP)	Enclosure Dimensions (in)			Weight (lbs)	Representative UUT ²
			Width	Depth	Height		
VS3-040-5	575	40	22.0	8.1	10.4	50	Interpolated
VS3-025-2	230	25	24.8	9.4	11.6	78	
VS3-018-2	230	25	24.8	9.4	11.6	78	
VS3-030-2	230	30	24.8	9.4	11.6	78	
VS3-022-2	230	30	24.8	9.4	11.6	78	
VS3-040-2	230	40	24.8	9.4	11.6	78	
VS3-037-4	480	50	24.8	9.4	11.6	78	
VS3-060-4	480	60	24.8	9.4	11.6	78	
VS3-045-4	480	60	24.8	9.4	11.6	78	
VS3-075-4	480	75	24.8	9.4	11.6	78	
VS3-055-4	480	75	24.8	9.4	11.6	78	
VS3-050-5	575	50	24.8	9.4	11.6	78	
VS3-060-5	575	60	24.8	9.4	11.6	78	
VS3-075-5	575	75	24.8	9.4	11.6	78	
VS3-050-2	230	50	35.0	11.3	13.4	154	
VS3-037-2	230	50	35.0	11.3	13.4	154	
VS3-060-2	230	60	35.0	11.3	13.4	154	
VS3-045-2	230	60	35.0	11.3	13.4	154	
VS3-075-2	230	75	35.0	11.3	13.4	154	
VS3-055-2	230	75	35.0	11.3	13.4	154	
VS3-125-4	480	125	35.0	11.3	13.4	154	
VS3-090-4	480	125	35.0	11.3	13.4	154	
VS3-110-4	480	150	35.0	11.3	13.4	154	
VS3-100-5	575	100	35.0	11.3	13.4	154	
VS3-125-5	575	125	35.0	11.3	13.4	154	
VS3-150-5	575	150	35.0	11.3	13.4	154	
VS3-100-2	230	100	34.0	19.1	14.6	281	
VS3-125-2	230	125	34.0	19.1	14.6	281	
VS3-090-2	230	125	34.0	19.1	14.6	281	
VS3-200-5	575	200	34.0	19.1	14.6	281	
VS3-250-5	575	250	34.0	19.1	14.6	281	
VS3-200-4	480	200	34.0	19.1	14.6	281	
VS3-132-4	480	200	34.0	19.1	14.6	281	
VS3-160-4	480	250	34.0	19.1	14.6	281	
VS3-250-4	480	250	34.0	19.1	14.6	281	UUT_y-17

General Notes:

¹ The model numbers listed uniquely identify the type of component, manufacturer, and material of construction for each sub-component with the tested units.

² Subscript indicates the test report in which the units were qualified:
y - TR-PR098668-01 / z - PR111727-TR-20

TABLE 4	EATON WALL MOUNTDD ENCLOSED CONTROL VFD'S SEISMICALLY CERTIFIED COMPONENTS TABLE						 W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING	
	Model Line	Model Number ¹	Power (HP)	NEMA ²	Enclosure Dimensions (in)			Weight (lbs)
				Width	Depth	Height		
EHC	EHC0114A1K00000000	8	1	22.1	6.5	10.1	27	UUT _y -1
	EHC0274A1K00000000	20	1	25.7	6.6	11.9	35	Interpolated
	EHC0524A1K00000000	40	1	32.1	8.5	12.1	63	
	EHC0964A1K00000000	75	1	39.1	9.5	12.6	96	UUT _y -2
EHB / EHD	EHB3D44A1JT0E20000	2	1	34.9	8.8	10.5	35	UUT _y -3
	EHB7D64A1KT0E20000	5	1	40.9	8.7	9.7	41	UUT _z -23
	EHB0274A1JT0E20000	20	1	38.9	9.7	12.2	54	UUT _z -22
	EHB0274A1KT0E20000	20	1	44.9	9.7	11.4	57	UUT _z -21
	EHB0591A1KT0E20000	20	1	50.9	11.4	11.8	98	UUT _z -20
	EHB0964A1KT0E20000	75	1	59.3	14.6	14.9	169	UUT _z -4
	EHB0415A3KT0E2A000	40	3R	50.0	12.8	16.0	144	UUT _y -5
	EHB0274A2JT0E20000	20	12	50.0	12.8	14.5	96	UUT _y -6
EHB / EHD / EGS / SVX	EGS0144B160DB10032	10	1	25.4	20.9	17.0	200	Extrapolated
	EGS0144B260DB10032	10	12	25.4	20.9	17.0	200	
	EGS0144B360DB1A032	10	3R	34.0	21.3	21.0	188	UUT _y -7
	EGS0964A1B0DB10032	75	1	36.8	20.9	17.0	270	Interpolated
	EGS0964A2B0DB10032	75	12	36.8	20.9	17.0	270	
	EGS0964A3B0DB1A032	75	3R	36.8	20.9	17.0	340	
EGS1804A1B0DB10032	150	1	48.8	30.9	17.8	400		
EHB / EHD / EGS EGF / CFX / SVX	EGS1804A2B0DB10032	150	12	48.8	30.9	17.8	400	
	EGS1804A3B0DB1A032	150	3R	57.0	31.3	21.5	562	UUT _y -8

General Notes:

¹ The model numbers listed uniquely identify the type of component, manufacturer, and material of construction for each sub-component with the tested units.

² NEMA 1 / 12 / 3R enclosures are constructed of carbon steel.

³ Subscript indicates the test report in which the units were qualified:

y - TR-PR098668-01 / z - PR111727-TR-20

TABLE 5	EATON WALL MOUNTED ENCLOSED CONTROL VFD'S - JCI BRAND LABELED SEISMICALLY CERTIFIED COMPONENTS TABLE						 WEGAI <small>W.E. GUNDY & ASSOCIATES, INC.</small> <small>STRUCTURAL & EARTHQUAKE ENGINEERING</small>		
	Model Line	Model Number ¹	Power (HP)	NEMA ²	Enclosure Dimensions (in) ²			Weight (lbs)	Representative UUT ³
					Width	Depth	Height		
VS3-__-N1C	VS3-7D5-4-N1C	7.5	1	22.1	6.5	10.1	27	UUT _y -1	
	VS3-020-4-N1C	20	1	25.7	6.6	11.9	35	Interpolated	
	VS3-040-4-N1C	40	1	32.1	8.5	12.1	63		
	VS3-075-4-N1C	75	1	39.1	9.5	12.6	96	UUT _y -2	
VS3-__-N1B VS3-__-N1D	VS3-002-4-N1B	2	1	34.9	8.8	10.5	35	UUT _y -3	
	VS3-005-4-N1B	5	1	40.9	8.7	9.7	41	UUT _z -23	
	VS3-020-4-N1B	20	1	38.9	9.7	12.2	54	UUT _z -22	
	VS3-020-4-N1B	20	1	44.9	9.7	11.4	57	UUT _z -21	
	VS3-020-4-N1B	20	1	50.9	11.4	11.8	98	UUT _z -20	
	VS3-005-4-N1B	75	1	59.3	14.6	14.9	169	UUT _z -4	
VS3-__-N2B / VS3-__-N2D	VS3-040-4-S3B	40	3R	50.0	12.8	16.0	144	UUT _y -5	
VS3-__-N3B / VS3-__-N3D	VS3-040-4-N2B	20	12	50.0	12.8	14.5	96	UUT _y -6	
VS3-__-N1B / VS3-__-N1D VS3-__-N2B / VS3-__-N2D VS3-__-N3B / VS3-__-N3D VS3-__-S3B / VS3-__-S3D	VS3-010-4-N1D	10	1	25.4	20.9	17.0	200	Extrapolated	
	VS3-010-4-N2D	10	12	25.4	20.9	17.0	200		
	VS3-010-4-S3D	10	3R	34.0	21.3	21.0	188	UUT _y -7	
	VS3-075-4-N1D	75	1	36.8	20.9	17.0	270	Interpolated	
	VS3-075-4-N2D	75	12	36.8	20.9	17.0	270		
	VS3-075-4-S3D	75	3R	36.8	20.9	17.0	340		
	VS3-150-4-N1D	150	1	48.8	30.9	17.8	400		
	VS3-150-4-N2D	150	12	48.8	30.9	17.8	400		
VS3-150-4-S3D	150	3R	57.0	31.3	21.5	562	UUT _y -8		

General Notes:

¹ The model numbers listed uniquely identify the type of component, manufacturer, and material of construction for each sub-component with the tested units.

² NEMA 1 / 12 / 3R enclosures are constructed of carbon steel.

³ Subscript indicates the test report in which the units were qualified:

y - TR-PR098668-01 / z - PR111727-TR-20

TABLE 6	EATON ENCLOSED CONTROL VFD'S CERTIFIED SUBCOMPONENTS TABLE				
	ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT
Variable Frequency Drives					
DH1-344D3 / VS30024	EATON / JCI	480V, 2HP, 4.3A	14	UUT_v-3	
DH1-343D3 / VS31D54	EATON / JCI	480V, 1.5HP, 3.3A	14	Interpolated	
DH1-345D6 / VS30034	EATON / JCI	480V, 3HP, 5.6A	14		
DH1-347D6 / VS30054	EATON / JCI	480V, 5HP, 7.6A	14	UUT_z-23	
DH1-34012 / VS37D54	EATON / JCI	480V, 7.5HP, 12A	14	UUT_v-1	
DH1-324D8 / VS30012	EATON / JCI	230V, 1HP, 4.8A	14	Interpolated	
DH1-326D6 / VS31D52	EATON / JCI	230V, 1.5HP, 6.6A	14		
DH1-327D8 / VS30022	EATON / JCI	230V, 2HP, 7.8A	14		
DH1-32011 / VS30032	EATON / JCI	230V, 3HP, 11A	14		
DH1-32012	EATON	230V, 3HP, 12A	14		
DH1-354D5 / VS3D755	EATON / JCI	575V, 3HP, 4.5A	14		
DH1-357D5 / VS30055	EATON / JCI	575V, 5HP, 7.5A	14		
DH1-35010 / VS37D55	EATON / JCI	575V, 7.5HP, 10A	14		
DH1-32017 / VS30052	EATON / JCI	230V, 5HP, 17.5A	23		
DH1-32025 / VS37D52	EATON / JCI	230V, 7.5HP, 25A	23		
DH1-32031 / VS30102	EATON / JCI	230V, 10HP, 31A	23		
DH1-34016 / VS30104	EATON / JCI	480V, 10HP, 16A	23		
DH1-34023 / VS30154	EATON / JCI	480V, 15HP, 23A	23		
DH1-34031 / VS30204	EATON / JCI	480V, 20HP, 31A	23		UUT_v-6, UUT_z-6
DH1-34031 / VS30204	EATON / JCI	480V, 20HP, 31A	23		UUT_z-20,21,22
DH1-35013 / VS30105	EATON / JCI	575V, 10HP, 13A	23		Interpolated
DH1-35018 / VS30155	EATON / JCI	575V, 15HP, 18A	23		
DH1-35022 / VS30205	EATON / JCI	575V, 20HP, 22A	23		
DH1-32048 / VS30152	EATON / JCI	230V, 15HP, 48A	50		
DH1-32061 / VS30202	EATON / JCI	230V, 20HP, 61A	50		
DH1-34038 / VS30254	EATON / JCI	480V, 25HP, 38A	50		
DH1-34046 / VS30304	EATON / JCI	480V, 30HP, 46A	50		
DH1-34061 / VS30404	EATON / JCI	480V, 40HP, 61A	50	UUT_v-5	
DH1-35027 / VS30255	EATON / JCI	575V, 25HP, 27A	50	Interpolated	
DH1-35034 / VS30305	EATON / JCI	575V, 30HP, 34A	50		
DH1-35041 / VS30405	EATON / JCI	575V, 40HP, 41A	50		
DH1-32075 / VS30252	EATON / JCI	230V, 25HP, 75A	78		
DH1-32088 / VS30302	EATON / JCI	230V, 30HP, 88A	78		
DH1-32114 / VS30402	EATON / JCI	230V, 40HP, 114A	78		
DH1-34072 / VS30504	EATON / JCI	480V, 50HP, 72A	78		
DH1-34087 / VS30604	EATON / JCI	480V, 60HP, 87A	78		
DH1-34105 / VS30754	EATON / JCI	480V, 75HP, 105A	78	UUT_v-2, UUT_z-4	
DH1-35052 / VS30505	EATON / JCI	575V, 50HP, 52A	78	Interpolated	
DH1-35062 / VS30605	EATON / JCI	575V, 60HP, 62A	78		
DH1-35080 / VS30755	EATON / JCI	575V, 75HP, 80A	78		
DH1-32143 / VS30502	EATON / JCI	230V, 50HP, 143A	154		
DH1-32170 / VS30602	EATON / JCI	230V, 60HP, 170A	154		
DH1-32211 / VS30752	EATON / JCI	230V, 75HP, 211A	154		
DH1-34140 / VS31004	EATON / JCI	480V, 100HP, 140A	154		

TABLE 6	EATON ENCLOSED CONTROL VFD'S CERTIFIED SUBCOMPONENTS TABLE		 W.E. GUNDE & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING	
ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT
Variable Frequency Drives				
DH1-34170 / VS31254	EATON / JCI	480V, 125HP, 170A	154	Interpolated
DH1-34205 / VS31504	EATON / JCI	480V, 150HP, 205A	154	
DH1-35100 / VS31005	EATON / JCI	575V, 100HP, 100A	154	
DH1-35125 / VS31255	EATON / JCI	575V, 125HP, 125A	154	
DH1-35144 / VS31505	EATON / JCI	575V, 150HP, 144A	154	
DG1-323D7	EATON	230V, 0.75HP, 3.7/4.8A	14	
DG1-324D8	EATON	230V, 1HP, 4.8/6.6A	14	
DG1-326D6	EATON	230V, 1.5HP, 6.6/7.8A	14	
DG1-327D8	EATON	230V, 2HP, 7.8/11A	14	
DG1-32011	EATON	230V, 3HP, 11A	14	
DG1-342D2	EATON	480V, 1HP, 2.2A	14	
DG1-343D3	EATON	480V, 1.5HP, 3.3A	14	
DG1-344D3	EATON	480V, 2HP, 4.3A	14	
DG1-345D6	EATON	480V, 3HP, 5.6A	14	
DG1-347D6	EATON	480V, 5HP, 7.6A	14	
DG1-349D0	EATON	480V, 7.5HP, 9A	14	
DG1-353D3	EATON	575V, 2HP, 3.3/4.5A	14	
DG1-354D5	EATON	575V, 3HP, 4.5/7.5A	14	
DG1-357D5	EATON	575V, 5HP, 7.5/10A	14	
DG1-32017	EATON	230V, 5HP, 12.5/25A	23	
DG1-32025	EATON	230V, 7.5HP, 25/31A	23	
DG1-34012	EATON	480V, 7.5HP, 12/16A	23	UUT_v-7
DG1-34016	EATON	480V, 10HP, 16/23A	23	Interpolated
DG1-34023	EATON	480V, 15HP, 23/31A	23	
DG1-35010	EATON	575V, 7.5HP, 10/13A	23	
DG1-35013	EATON	575V, 10HP, 13/18A	23	
DG1-35018	EATON	575V, 15HP, 18/22A	23	
DG1-32012	EATON	230V, 5HP, 12.5/17.5A	23	
DG1-32031	EATON	230V, 10HP, 31/48A	50	
DG1-32048	EATON	230V, 15HP, 48/61A	50	
DG1-34031	EATON	480V, 20HP, 31/38A	50	
DG1-34038	EATON	480V, 25HP, 38/46A	50	
DG1-34046	EATON	480V, 30HP, 46/61A	50	
DG1-35022	EATON	575V, 20HP, 22/27A	50	
DG1-35027	EATON	575V, 25HP, 27/34A	50	
DG1-35034	EATON	575V, 30HP, 34/41A	50	
DG1-32061	EATON	230V, 20HP, 61/75A	78	
DG1-32075	EATON	230V, 25HP, 75/88A	78	
DG1-32088	EATON	230V, 30HP, 88/114A	78	
DG1-34061	EATON	480V, 40HP, 61/72A	78	
DG1-34072	EATON	480V, 50HP, 72/87A	78	
DG1-34087	EATON	480V, 60HP, 87/105A	78	
DG1-35041	EATON	575V, 40HP, 41/52A	78	
DG1-35052	EATON	575V, 50HP, 52/62A	78	

TABLE 6

**EATON ENCLOSED CONTROL VFD'S
CERTIFIED SUBCOMPONENTS TABLE**



ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT
Variable Frequency Drives				
DG1-35062	EATON	575V, 60HP, 62/80A	78	Interpolated
DG1-35080	EATON	575V, 75HP, 80/100A	154	
DG1-35100	EATON	575V, 100HP, 100/125A	154	
DG1-35125	EATON	575V, 125HP, 125/144A	154	
DG1-32114	EATON	230V, 40HP, 114/143A	154	
DG1-32143	EATON	230V, 50HP, 143/170A	154	
DG1-32170	EATON	230V, 60HP, 170/211A	154	
DG1-34105	EATON	480V, 75HP, 105/140A	154	
DG1-34140	EATON	480V, 100HP, 140/170A	154	
SVXF07A1-2	EATON	230V, 0.75HP, 3.7/4.8A	11	
SPXF07A1-2	EATON	230V, 0.75HP, 3.7/4.8A	11	
SVX001A1-2	EATON	230V, 1HP, 4.8/6.5A	11	
SPX001A1-2	EATON	230V, 1HP, 4.8/6.5A	11	
SVXF15A1-2	EATON	230V, 1.5HP, 6.6/7.8A	11	
SPXF15A1-2	EATON	230V, 1.5HP, 6.6/7.8A	11	
SVX002A1-2	EATON	230V, 2HP, 7.8/11A	11	
SPX002A1-2	EATON	230V, 2HP, 7.8/11A	11	
SVX003A1-2	EATON	230V, 3HP, 11/12.5A	11	
SPX003A1-2	EATON	230V, 3HP, 11/12.5A	11	
SVX001A1-4	EATON	480V, 1HP, 2.2/3.3A	11	
SPX001A1-4	EATON	480V, 1HP, 2.2/3.3A	11	
SVXF15A1-4	EATON	480V, 1.5HP, 3.3/4.3A	11	
SPXF15A1-4	EATON	480V, 1.5HP, 3.3/4.3A	11	
SVX002A1-4	EATON	480V, 2HP, 4.3/5.6A	11	
SPX002A1-4	EATON	480V, 2HP, 4.3/5.6A	11	
SVX003A1-4	EATON	480V, 3HP, 5.6/7.6A	11	
SPX003A1-4	EATON	480V, 3HP, 5.6/7.6A	11	
SVX005A1-4	EATON	480V, 5HP, 7.6A	11	
SPX005A1-4	EATON	480V, 5HP, 7.6A	11	
SVX004A1-2	EATON	230V, 5HP, 17.5A	18	
SPX004A1-2	EATON	230V, 5HP, 17.5A	18	
SVX005A1-2	EATON	230V, 5HP, 17.5/25A	18	
SPX005A1-2	EATON	230V, 5HP, 17.5/25A	18	
SVX007A1-2	EATON	230V, 7.5HP, 25/31A	18	
SPX007A1-2	EATON	230V, 7.5HP, 25/31A	18	
SVX007A1-4	EATON	480V, 7.5HP, 12/16A	18	
SPX007A1-4	EATON	480V, 7.5HP, 12/16A	18	
SVX010A1-4	EATON	480V, 10HP, 16/23A	18	
SPX010A1-4	EATON	480V, 10HP, 16/23A	18	
SVX015A1-4	EATON	480V, 15HP, 23/31A	18	
SPX015A1-4	EATON	480V, 15HP, 23/31A	18	
SVX010A1-2	EATON	230V, 10HP, 31/48A	41	
SPX010A1-2	EATON	230V, 10HP, 31/48A	41	
SVX015A1-2	EATON	230V, 15HP, 48/61A	41	

TABLE 6

**EATON ENCLOSED CONTROL VFD'S
CERTIFIED SUBCOMPONENTS TABLE**



ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT
Variable Frequency Drives				
SPX015A1-2	EATON	230V, 15HP, 48/61A	41	Interpolated
SVX020A1-4	EATON	480V, 20HP, 31/38A	41	
SPX020A1-4	EATON	480V, 20HP, 31/38A	41	
SVX025A1-4	EATON	480V, 25HP, 38/46A	41	
SPX025A1-4	EATON	480V, 25HP, 38/46A	41	
SVX030A1-4	EATON	480V, 30HP, 46/61A	41	
SPX030A1-4	EATON	480V, 30HP, 46/61A	41	
SVX002A1-5	EATON	575V, 2HP, 3.3/4.5A	41	
SPX002A1-5	EATON	575V, 2HP, 3.3/4.5A	41	
SVX003A1-5	EATON	575V, 3HP, 4.5/7.5A	41	
SPX003A1-5	EATON	575V, 3HP, 4.5/7.5A	41	
SVX005A1-5	EATON	575V, 5HP, 7.5/10A	41	
SPX005A1-5	EATON	575V, 5HP, 7.5/10A	41	
SVX007A1-5	EATON	575V, 7.5HP, 10/13.5A	41	
SPX007A1-5	EATON	575V, 7.5HP, 10/13.5A	41	
SVX010A1-5	EATON	575V, 10HP, 13.5/18A	41	
SPX010A1-5	EATON	575V, 10HP, 13.5/18A	41	
SVX015A1-5	EATON	575V, 15HP, 18/22A	41	
SPX015A1-5	EATON	575V, 15HP, 18/22A	41	
SVX020A1-5	EATON	575V, 20HP, 22/27A	41	
SPX020A1-5	EATON	575V, 20HP, 22/27A	41	
SVX025A1-5	EATON	575V, 25HP, 27/34A	41	
SPX025A1-5	EATON	575V, 25HP, 27/34A	41	
SVX020A1-2	EATON	230V, 20HP, 61/75A	78	
SPX020A1-2	EATON	230V, 20HP, 61/75A	78	
SVX025A1-2	EATON	230V, 25HP, 75/88A	78	
SPX025A1-2	EATON	230V, 25HP, 75/88A	78	
SVX030A1-2	EATON	230V, 30HP, 88/114A	78	
SPX030A1-2	EATON	230V, 30HP, 88/114A	78	
SVX040A1-4	EATON	480V, 40HP, 61/72A	78	
SPX040A1-4	EATON	480V, 40HP, 61/72A	78	
SVX050A1-4	EATON	480V, 50HP, 72/87A	78	
SPX050A1-4	EATON	480V, 50HP, 72/87A	78	
SVX060A1-4	EATON	480V, 60HP, 87/105A	78	
SPX060A1-4	EATON	480V, 60HP, 87/105A	78	
SVX030A1-5	EATON	575V, 30HP, 34/41A	78	
SPX030A1-5	EATON	575V, 30HP, 34/41A	78	
SVX040A1-5	EATON	575V, 40HP, 41/52A	78	
SPX040A1-5	EATON	575V, 40HP, 41/52A	78	
SVX040A1-2	EATON	230V, 40HP, 114/140A	128	
SPX040A1-2	EATON	230V, 40HP, 114/140A	128	
SVX050A1-2	EATON	230V, 50HP, 140/170A	128	
SPX050A1-2	EATON	230V, 50HP, 140/170A	128	
SVX060A1-2	EATON	230V, 60HP, 170/205A	128	

TABLE 6	EATON ENCLOSED CONTROL VFD'S CERTIFIED SUBCOMPONENTS TABLE		 W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING	
ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT
Variable Frequency Drives				
SPX060A1-2	EATON	230V, 60HP, 170/205A	128	Interpolated
SVX075A1-4	EATON	480V, 75HP, 105/140A	128	
SPX075A1-4	EATON	480V, 75HP, 105/140A	128	
SVX100A1-4	EATON	480V, 100HP, 140/170A	128	
SPX100A1-4	EATON	480V, 100HP, 140/170A	128	
SVX125A1-4	EATON	480V, 125HP, 170/205A	128	
SPX125A1-4	EATON	480V, 125HP, 170/205A	128	
SVX050A1-5	EATON	575V, 50HP, 52/62A	128	
SPX050A1-5	EATON	575V, 50HP, 52/62A	128	
SVX060A1-5	EATON	575V, 60HP, 62/80A	128	
SPX060A1-5	EATON	575V, 60HP, 62/80A	128	
SVX075A1-5	EATON	575V, 75HP, 80/100A	128	
SPX075A1-5	EATON	575V, 75HP, 80/100A	128	
DG1-34170	EATON	480V, 125HP, 170/205A	154	
VFD OPTIONAL PCBS				
DXG-KEY-HOLDER	Eaton	Remote keypad mounting Holder	0.5	UUT _y -1,2,3,5,6,7,8
DXG-KEY-HOLDER	Eaton	Remote keypad mounting Holder	0.5	UUT _z -20,21,22,23
DXG-EXT-1AI2AO	Eaton	1 x AI, 2 x AO option card	0.1	UUT _y -7,8
DXG-EXT-3RO	Eaton	3 x relay dry contact option card	0.1	UUT _y -7,8
DXG-EXT-3DI3DO1T	Eaton	3 x DI, 3 x DO, 1 x therm option card	0.1	Interpolated
DXG-EXT-THER1	Eaton	3 x PT100 RTD option card	0.1	
DXG-EXT-6DI	Eaton	6 x DI 240 Vac input option card	0.1	
DXG-NET-PROFB	Eaton	PROFIBUS-DP communication card	0.1	
DXG-NET-CANOPEN	Eaton	CANOpen communication card	0.1	
DXG-NET-DEVICENET	Eaton	DeviceNet communication card	0.1	
DXG-NET-PROAD	Eaton	PROFIBUS DB9 to 5-pin adapter card	0.1	
DXG-EXT-3RO	Eaton	3 x relay dry contact option card	0.1	UUT _y -7,8
Circuit Protection - Disconnect				
R9C3030	Eaton	30 Amps	0.5	UUT _z -23
R9C3060	Eaton	60 Amps	0.5	UUT _y -5, UUT _z -21
R9C3100	Eaton	100 Amps	0.5	UUT _z -20
R9CD100	Eaton	100 Amps	5.1	Interpolated
R9D200	Eaton	200 Amps	5.1	
R9J3030FJ	Eaton	30 Amps	4.0	
R9J3060FJ	Eaton	60 Amps	4.0	
R9K3100FJ	Eaton	100 Amps	5.1	
R9L3200FJ	Eaton	200 Amps	7.9	

TABLE 6	EATON ENCLOSED CONTROL VFD'S CERTIFIED SUBCOMPONENTS TABLE		 W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING		
ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT	
Circuit Protection - Manual Motor Protector					
XTPR004BC1	Eaton	4 Amps	0.7	UUT_y-3	
XTPR2P5BC1	Eaton	3 Amps	0.7	Interpolated	
XTPR6P3BC1	Eaton	6 Amps	0.7		
XTPR010BC1	Eaton	10 Amps	0.7		
XTPR012BC1	Eaton	12 Amps	0.7		
XTPR020BC1	Eaton	20 Amps	0.7		
XTPR016DC1	Eaton	16 Amps	2.8		
XTPR025DC1	Eaton	25 Amps	2.8		
XTPR050DC1	Eaton	50 Amps	2.8		
XTPR040DC1	Eaton	40 Amps	2.8		
XTPR058DC1	Eaton	58 Amps	2.8		
XTPR032DC1	Eaton	32 Amps	2.8		UUT_y-6, UUT_z-22
Circuit Protection - Circuit Breaker					
FDC3015	Eaton	15 Amps	4.5	UUT_y-1,2	
HFD3015	Eaton	15 Amps	4.5	Interpolated	
FDC3020	Eaton	20 Amps	4.5		
HFD3020	Eaton	20 Amps	4.5		
FDC3025	Eaton	25 Amps	4.5		
HFD3025	Eaton	25 Amps	4.5		
FDC3030	Eaton	30 Amps	4.5		
HFD3030	Eaton	30 Amps	4.5		
FDC3035	Eaton	35 Amps	4.5		
HFD3035	Eaton	35 Amps	4.5		
FDC3040	Eaton	40 Amps	4.5		
HFD3040	Eaton	40 Amps	4.5		
FDC3045	Eaton	45 Amps	4.5		
HFD3045	Eaton	45 Amps	4.5		
FDC3050	Eaton	50 Amps	4.5		UUT_y-7
HFD3050	Eaton	50 Amps	4.5		Interpolated
FDC3060	Eaton	60 Amps	4.5		
HFD3060	Eaton	60 Amps	4.5		
FDC3070	Eaton	70 Amps	4.5		
HFD3070	Eaton	70 Amps	4.5		
FDC3080	Eaton	80 Amps	4.5		
HFD3080	Eaton	80 Amps	4.5		
FDC3090	Eaton	90 Amps	4.5		
HFD3090	Eaton	90 Amps	4.5		
FDC3100	Eaton	100 Amps	4.5		
HFD3100	Eaton	100 Amps	4.5		
HMCPS003A0C	Eaton	3 Amps	4.5		
HMCPS007C0C	Eaton	7 Amps	4.5		
HMCPS015E0C	Eaton	15 Amps	4.5		
HMCPS100R3C	Eaton	100 Amps	4.5		
HMCPS150T4C	Eaton	150 Amps	4.5		

TABLE 6	EATON ENCLOSED CONTROL VFD'S CERTIFIED SUBCOMPONENTS TABLE			
Circuit Protection - Circuit Breaker				
HMCP400R5C	Eaton	400 Amps	4.5	Interpolated
FDC3110	Eaton	110 Amps	4.5	
HFD3110	Eaton	110 Amps	4.5	
FDC3125	Eaton	125 Amps	4.5	
HFD3125	Eaton	125 Amps	4.5	
HFD3150	Eaton	150 Amps	4.5	
FDC3175	Eaton	175 Amps	4.5	
HFD3175	Eaton	175 Amps	4.5	
FDC3200	Eaton	200 Amps	4.5	
HFD3200	Eaton	200 Amps	4.5	
FDC3225	Eaton	225 Amps	4.5	
HFD3225	Eaton	225 Amps	4.5	
FDC3150	Eaton	150 Amps	4.5	
Contactors				
XTCE007B	Eaton	20 Amps	0.6	UUT_z-23
XTCE009B	Eaton	20 Amps	0.6	Interpolated
XTCE012B	Eaton	20 Amps	0.6	
XTCE015B	Eaton	20 Amps	0.6	
XTCE018C	Eaton	40 Amps	1.1	UUT_y-6, UUT_z-21,22
XTCE025C	Eaton	40 Amps	1.1	Interpolated
XTCE032C	Eaton	40 Amps	1.1	UUT_z-21,22
XTCE038C	Eaton	40 Amps	1.1	Interpolated
XTCE040D	Eaton	63 Amps	2.4	UUT_y-5
XTCE050D	Eaton	80 Amps	2.4	Interpolated
XTCE065D	Eaton	88 Amps	2.4	UUT_z-20
XTCE072D	Eaton	88 Amps	2.4	Interpolated
XTCE080F	Eaton	125 Amps	4.6	UUT_y-3
XTCE095F	Eaton	125 Amps	4.6	Interpolated
XTCE115G	Eaton	180 Amps	4.6	UUT_y-3
XTCE150G	Eaton	225 Amps	4.6	Interpolated
XTCE170G	Eaton	225 Amps	4.6	UUT_y-8
Control Power Transformers				
C0050	Eaton	50V	2.9	UUT_y-5
C0150	Eaton	150V	8.1	UUT_y-7
C0250	Eaton	250V	14.1	Interpolated
C0350	Eaton	350V	17.0	UUT_y-8
Reduced Voltage Softstarters				
S811+N37	Eaton	37 Amps	5.8	UUT_y-7
S811+N66	Eaton	66 Amps	5.8	Interpolated
S811+R10	Eaton	105 Amps	10.5	Interpolated
S811+R13	Eaton	135 Amps	10.5	UUT_y-8

TABLE 6	EATON ENCLOSED CONTROL VFD'S CERTIFIED SUBCOMPONENTS TABLE			
Reactors / Inductor				
RLW-01P603	MTE	2 Amps	2.0	Extrapolated
RLW-02P103	MTE	2 Amps	2.0	
RLW-03P401	MTE	3 Amps	2.0	
RLW-03P403	MTE	3 Amps	2.0	
RLW-04P801	MTE	5 Amps	2.0	
RLW-04P803	MTE	5 Amps	2.0	
RLW-07P601	MTE	8 Amps	2.0	
RLW-07P603	MTE	8 Amps	3.0	
RLW-001101	MTE	11 Amps	3.0	
RLW-001401	MTE	14 Amps	3.0	
RL-00201	MTE	2 Amps	4.0	
RL-00401	MTE	4 Amps	4.0	
RL-00402	MTE	4 Amps	4.0	
RLW-07P605	MTE	8 Amps	4.0	
RLW-001103	MTE	11 Amps	4.0	
RLW-001403	MTE	14 Amps	4.0	
RLW-002101	MTE	21 Amps	4.0	
RLW-002801	MTE	28 Amps	5.0	
RL-00801	MTE	8 Amps	7.0	
RLW-002103	MTE	21 Amps	7.0	
RL-00802	MTE	8 Amps	8.0	
RL-01201	MTE	12 Amps	9.0	
RL-01801	MTE	18 Amps	9.0	
RL-01202	MTE	12 Amps	10.0	
RLW-002803	MTE	28 Amps	10.0	
RLW-003501	MTE	35 Amps	10.0	
RL-00803	MTE	8 Amps	11.0	
RL-02501	MTE	25 Amps	11.0	
RL-01802	MTE	18 Amps	12.0	
RLW-004601	MTE	46 Amps	12.0	
RLW-003503	MTE	35 Amps	13.0	
RL-02502	MTE	25 Amps	14.0	
RL-03501	MTE	35 Amps	14.0	
RL-03502	MTE	35 Amps	16.0	Interpolated
RLW-004603	MTE	46 Amps	17.0	
RLW-005501	MTE	55 Amps	18.0	
RLW-006501	MTE	65 Amps	18.0	
RLW-006503	MTE	65 Amps	18.0	
RLW-008301	MTE	83 Amps	19.0	
RLW-005503	MTE	55 Amps	20.0	
RL-04501	MTE	45 Amps	22.0	
RLW-010401	MTE	104 Amps	22.0	
RL-05501	MTE	55 Amps	24.0	
RL-08001	MTE	80 Amps	25.0	

TABLE 6	EATON ENCLOSED CONTROL VFD'S CERTIFIED SUBCOMPONENTS TABLE		 W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING		
ID/Catalog Number	Manufacturer	Description	Weight (lbs)	Representative UUT	
Reactors / Inductor					
RL-04502	MTE	45 Amps	26.0	Interpolated	
RL-05502	MTE	55 Amps	26.0		
RLW-008303	MTE	83 Amps	26.0		
RLW-013001	MTE	130 Amps	26.0		
RLW-010403	MTE	104 Amps	28.0		
RL-10001	MTE	100 Amps	29.0		
RL-13001	MTE	130 Amps	29.0		
RL-08002	MTE	80 Amps	33.0		
RLW-016001	MTE	160 Amps	34.0		
RL-10002	MTE	100 Amps	37.0		
RLW-013003	MTE	130 Amps	37.0		
RL-16001	MTE	160 Amps	40.0		
RLW-016003	MTE	160 Amps	40.0		UUT_v-8
Filters					
V1K2A00	TCI	2 Amps	8.0	Extrapolated	
V1K3A00	TCI	3 Amps	8.0		
V1K4A00	TCI	4 Amps	8.0		
V1K6A00	TCI	6 Amps	8.0		
V1K8A00	TCI	8 Amps	8.0		
V1K12A00	TCI	12 Amps	8.0		
V1K16A00	TCI	16 Amps	12.0		
V1K18A00	TCI	18 Amps	12.0		
V1K21A00	TCI	21 Amps	12.0		
V1K25A00	TCI	25 Amps	12.0		
V1K27A00	TCI	27 Amps	14.0		
V1K35A00	TCI	35 Amps	17.0		UUT_v-7
V1K45A00	TCI	45 Amps	17.0		Interpolated
V1K80A00	TCI	80 Amps	23.0	Interpolated	
V1K110A00	TCI	110 Amps	40.0	UUT_v-8	
HGP0005AW0C0000	TCI	8 Amps	40.0	Interpolated	
HGP0008AW0C0000	TCI	11 Amps	45.0		
HGP0010AW0C0000	TCI	14 Amps	45.0		
HGP0015AW0C0000	TCI	21 Amps	55.0		
HGP0020AW0C0000	TCI	27 Amps	60.0		
HGP0025AW0C0000	TCI	34 Amps	67.0		
HGP0030AW0C0000	TCI	40 Amps	85.0		UUT_v-8

UUT_y-1

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 1/4" Grade 5 bolts



Manufacturer: Eaton **Test Location:** Wyle Lab, Huntsville AL

Product Line: Variable Frequency Drive **Test Date:** June 26th – July 18th, 2019

Component: EHC0114A1K00000000 VS3-7D5-4-N1C – JCI Brand **Report Number:** TR-PR098668-01

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DH1-34012 / VS37D54 Eaton / JCI VFD, FDC3015 Circuit Breaker, DXG-KEY-HOLDER, Bottom MTD Disconnect in Type 1 Enclosure

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
27	6.50	10.12	22.12	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{FLX-H} (g)	A _{RIg-H} (g)	A _{FLX-V} (g)	A _{RIg-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-2

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 5/16" Grade 5 bolts



Manufacturer: Eaton **Test Location:** Wyle Lab, Huntsville AL

Product Line: Variable Frequency Drive **Test Date:** June 26th – July 18th, 2019

Component: EHC0964A1K00000000 VS3-075-4-N1C – JCI Brand **Report Number:** TR-PR098668-01

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DH1-34105 / VS30754 Eaton / JCI VFD, FDC3015 Circuit Breaker, DXG-KEY-HOLDER, Bottom MTD Disconnect in Type 1 Enclosure

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
96	9.50	12.56	39.12	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{FLX-H} (g)	A _{RIg-H} (g)	A _{FLX-V} (g)	A _{RIg-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-3

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 1/4" Grade 5 bolts



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Variable Frequency Drive	Test Date: June 26 th – July 18 th , 2019
Component: EHB3D44A1JT0E20000 VS3-002-4-N1B – JCI Brand	Report Number: TR-PR098668-01

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DH1-344D3 / VS30024 Eaton / JCI VFD, DXG-KEY-HOLDER, XTTPR004BC1 Motor Protector, XTCE080F/XTCE115G Contactors, 480V W/ Bypass in Type 1 Enclosure

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
35	8.75	10.50	34.88	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-5

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 1/4" Grade 5 bolts



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Variable Frequency Drive	Test Date: June 26 th – July 18 th , 2019
Component: EHB0415A3KT0E2A000 VS3-040-4-S3B – JCI Brand	Report Number: TR-PR098668-01

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DH1-34061 / VS30404 Eaton / JCI VFD, DXG-KEY-HOLDER, R9C3060
Disconnect, XCTE040D Contactor, C0050 Control Power Transformer, 575V W/
Bypass in Type 3R Enclosure

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
144	12.75	16.0	50.0	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{AFLX-H} (g)	A _{ARIG-H} (g)	A _{AFLX-V} (g)	A _{ARIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-6

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 1/4" Grade 5 bolts



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Variable Frequency Drive	Test Date: June 26 th – July 18 th , 2019
Component: EHB0274A2JT0E20000 VS3-040-4-N2B – JCI Brand	Report Number: TR-PR098668-01
UUT Function: Controls speed, torque, and power of electrical equipment	
UUT Description: DH1-34031 / VS30204 Eaton / JCI VFD, DXG-KEY-HOLDER, XTPR032DC1 Motor Protector, XCTE018C Contactor, 480V W/ Bypass in Type 12 Enclosure	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
96	12.75	14.50	50.0	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{AFLX-H} (g)	A _{ARIG-H} (g)	A _{AFLX-V} (g)	A _{ARIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-7

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 3/8" Grade 5 bolts



DATE: 02/26/2026

Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Variable Frequency Drive	Test Date: June 26 th – July 18 th , 2019
Component: EGS0144B360DB1A0032 VS3-010-4-S3D – JCI Brand	Report Number: TR-PR098668-01

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DG1-34012 VFD, DXG-KEY-HOLDER, DXG-EXT-1A12AO/DXG-EXT-3RO relay cards, FDC3050 Circuit Breaker, C0150 Control Power Transformer, S811+N37 Softstarter, MTE RL03501 Reactor / Inductor, TCI V1K35A00 Filter in Type 3R Enclosure

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
188	21.25	21.0	34.0	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{AFLX-H} (g)	A _{ARIG-H} (g)	A _{AFLX-V} (g)	A _{ARIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-8

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 3/8" Grade 5 bolts



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Variable Frequency Drive	Test Date: June 26 th – July 18 th , 2019
Component: EGS1804A3B0DB1A032 VS3-150-4-S3D – JCI Brand	Report Number: TR-PR098668-01

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DG1-34170 VFD, DXG-KEY-HOLDER, DXG-EXT-1A12AO/DXG-EXT-3RO relay cards, R9L3200FJ Disconnect, XTCE170G Contactor, C0350 Control Power Transformer, S811+R13 Softstarter, MTE RLW-016003 Reactor / Inductor, TCI V1K110A00 and TCI HGP0030AW0C0000 Filters in Type 3R Enclosure

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
562	31.25	21.50	57.0	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{FLX-H} (g)	A _{RIg-H} (g)	A _{FLX-V} (g)	A _{RIg-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-16

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 5/16" Grade 5 bolts



Manufacturer: Eaton **Test Location:** Wyle Lab, Huntsville AL

Product Line: Variable Frequency Drive **Test Date:** June 26th – July 18th, 2019

Component: DG1-134046FB-C21C **Report Number:** TR-PR098668-01

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DG1 Series VFD, Size FR3, 30HP/40HP, 46A/61A (CT/VT), 480V Type 1

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
51	8.12	10.50	22.0	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{AFLX-H} (g)	A _{ARIG-H} (g)	A _{AFLX-V} (g)	A _{ARIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-17

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 5/16" Grade 5 bolts



Manufacturer: Eaton **Test Location:** Wyle Lab, Huntsville AL

Product Line: Variable Frequency Drive **Test Date:** June 26th – July 18th, 2019

Component: DG1-32211FN-C21C **Report Number:** TR-PR098668-01

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DG1 Series VFD, Size FR6, 125HP, 211A, 230V Type 1

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
244	21.38	14.75	42.0	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{AFLX-H} (g)	A _{ARIG-H} (g)	A _{AFLX-V} (g)	A _{ARIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-18

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 5/16" Grade 5 bolts



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Variable Frequency Drive	Test Date: June 26 th – July 18 th , 2019
Component: SVX025A1-4A1B1	Report Number: TR-PR098668-01
UUT Function: Controls speed, torque, and power of electrical equipment	
UUT Description: SVX Series VFD, Size FR6, 25HP, 480V Type 1	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
41	7.75	9.31	22.0	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{FLEX-H} (g)	A _{RIG-H} (g)	A _{FLEX-V} (g)	A _{RIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-19

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 5/16" Grade 5 bolts



Manufacturer: Eaton **Test Location:** Wyle Lab, Huntsville AL

Product Line: Variable Frequency Drive **Test Date:** June 26th – July 18th, 2019

Component: SVX200A1-4A1B1 **Report Number:** TR-PR098668-01

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: SVX Series VFD, Size FR9, 150HP, 480V Type 1

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
328	19.0	14.25	53.0	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{AFLX-H} (g)	A _{ARIG-H} (g)	A _{AFLX-V} (g)	A _{ARIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_z-4

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 1/4" Grade 5 bolts



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Variable Frequency Drive	Test Date: February 10 th – 18 th , 2020
Component: EHB0964A1KT0E20000 VS3-005-4-N1B – JCI Brand	Report Number: PR111727-TR-20

UUT Function: Controls speed, torque, and power of electrical equipment
UUT Description: DH1-34105 / VS30754 Eaton / JCI VFD, FDC3150 Circuit Breaker, 480V W/ Bypass

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
168.5	14.56	14.88	59.31	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	SDS (g)	z / h	I _p	A _F FLX-H (g)	A _R IG-H (g)	A _F FLX-V (g)	A _R IG-V (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_z-20

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 1/4" Grade 5 bolts



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Variable Frequency Drive	Test Date: February 10 th – 18 th , 2020
Component: EHB0591A1KT0E20000 VS3-020-4-N1B – JCI Brand	Report Number: PR111727-TR-20

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DH1-34031 / VS30204 EATON / JCI VFD, DXG-KEY-HOLDER, R9C3100 Disconnect, XTCE065D Contactor, 208V W/ Bypass

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
98	11.44	11.75	50.88	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_z-21

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 1/4" Grade 5 bolts



Manufacturer: Eaton **Test Location:** Wyle Lab, Huntsville AL

Product Line: Variable Frequency Drive **Test Date:** February 10th – 18th, 2020

Component: EHB0274A1KT0E20000 VS3-020-4-N1B – JCI Brand **Report Number:** PR111727-TR-20

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DH1-34031 / VS30204 EATON / JCI VFD, DXG-KEY-HOLDER, R9C3060 Disconnect, XTCE018C/XTCE032C Contactors, 480V W/ Bypass

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
57	9.69	11.38	44.93	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_Z-22

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 1/4" Grade 5 bolts



Manufacturer: Eaton **Test Location:** Wyle Lab, Huntsville AL

Product Line: Variable Frequency Drive **Test Date:** February 10th – 18th, 2020

Component: EHB0274A1JT0E20000
VS3-020-4-N1B – JCI Brand **Report Number:** PR111727-TR-20

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DH1-34031 / VS30204 EATON / JCI VFD, DXG-KEY-HOLDER, XTPR032DC1 Motor Protector, XTCE018C/XTCE032C Contactors, 480V W/ Bypass

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
54	9.69	12.18	38.93	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{FLX-H} (g)	A _{RIg-H} (g)	A _{FLX-V} (g)	A _{RIg-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_Z-23

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 1/4" Grade 5 bolts



Manufacturer: Eaton **Test Location:** Wyle Lab, Huntsville AL

Product Line: Variable Frequency Drive **Test Date:** February 10th – 18th, 2020

Component: EHB7D64A1KT0E20000
VS3-005-4-N1B – JCI Brand **Report Number:** PR111727-TR-20

UUT Function: Controls speed, torque, and power of electrical equipment

UUT Description: DH1-347D6 / VS30054 EATON / JCI VFD, DXG-KEY-HOLDER, R9C3030 Disconnect, XTCE007B Contactors, 480V W/ Bypass

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
41	8.69	9.69	40.88	N/A	N/A	N/A

SEISMIC TEST PARAMETERS

Building Code / Test Criteria	S _{DS} (g)	z / h	I _p	A _{AFLX-H} (g)	A _{ARIG-H} (g)	A _{AFLX-V} (g)	A _{ARIG-V} (g)
CBC 2022 / ICC-ES AC156	2.35	1.0	1.5	3.76	2.82	1.57	0.63

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.