



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY
APPLICATION #: OSP - 0619

OSHPD Special Seismic Certification Preapproval (OSP)

Type: [X] New [ ] Renewal

Manufacturer Information

Manufacturer: Eaton

Manufacturer's Technical Representative: Dante DiTillio

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

Telephone: 414-449-6072 Email: DanteDiTillio@eaton.com

Product Information

Product Name: Low Voltage Variable Frequency Drives, Type DG1 and SVX

Product Type: Open and Enclosed Low Voltage Drives

Product Model Number: EHC, EHB, EHD, EGS, SVX, VS3, DG1, DH1
(List all unique product identification numbers and/or part numbers)

General Description: Open or enclosed, low voltage variable frequency drives, 575V and 150 HP maximum.
Seismic enhancements incorporated into the test units and enhancements required to address anomalies observed
during the tests shall be incorporated into the certified units.

Mounting Description: Rigid Wall Mounted

Applicant Information

Applicant Company Name: Eaton

Contact Person: Eddie Wilkie

Mailing Address: 175 Vista Blvd, Arden, NC 28704

Telephone: 828-651-0707 Email: eddiewilkie@eaton.com

I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in
accordance with the California Administrative Code, 2016.

Signature of Applicant: Eddie Wilkie Date: 9/27/19

Title: Director of Engineering Company Name: Eaton





**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

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

Company Name: ISAT

Name: William V. Joerger California License Number: SE 4545

Mailing Address: 1020 Crews Road, Quite Q, Matthews, NC 28105

Telephone: 510-714-0216 Email: [wvjoerger@isatsb.com](mailto:wvjoerger@isatsb.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): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

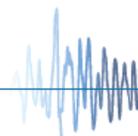
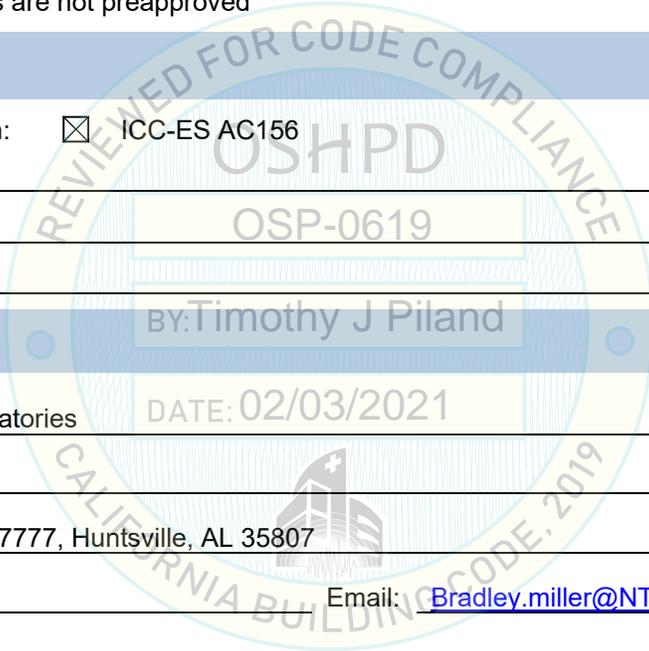
**Testing Laboratory**

Company Name: NTS Laboratories DATE: 02/03/2021

Contact Name: Brad Miller

Mailing Address: P.O. Box 77777, Huntsville, AL 35807

Telephone: 256-716-4291 Email: [Bradley.miller@NTS.com](mailto:Bradley.miller@NTS.com)





**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT  
FACILITIES DEVELOPMENT DIVISION**

**Seismic Parameters**

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

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

$S_{DS}$  (Design spectral response acceleration at short period, g) = 2.35

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

$R_p$  (Equipment or component response modification factor) = 6.0

$\Omega_0$  (System overstrength factor) = 2

$I_p$  (Importance factor) = 1.5

$z/h$  (Height factor ratio) = 1

Equipment or Component Natural Frequencies (Hz) = N/A (Rigid Wall Mounted)

Overall dimensions and weight (or range thereof) = See Product Range Summary

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) = \_\_\_\_\_

$\Omega_0$  (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, 2015:  Yes  No

**List of Attachments Supporting Special Seismic Certification**

Test Report(s)     Drawings     Calculations     Manufacturer's Catalog

Other(s) (Please Specify): \_\_\_\_\_

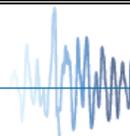
**OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2025**

Signature:  Date: February 3, 2021

Print Name: Timothy J. Piland Title: SSE

Special Seismic Certification Valid Up to:  $S_{DS}$  (g) = 2.35  $z/h$  = 1

Condition of Approval (if applicable): \_\_\_\_\_



## Special Seismic Certification

### Certified Product Range

Manufacturer: Eaton Corporation

Product Line: Open Variable Frequency Drives, DG1, DH1

Certified Options: Types IP21/TYPE1/IP54/TYPE12, Plug in option cards

Certified Mounting: Wall

Variable Frequency Drives												
VFD Model	Model Line	Frame	Maximum Voltage (V)	Power (HP)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Mounting	S <sub>DS</sub>	F <sub>p</sub> /W <sub>p</sub>	Unit Under Test
DG1-323D7	DG1	0	230	0.8	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DG1-324D8	DG1	0	230	1.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DH1-324D8	DH1	0	230	1.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DG1-326D6	DG1	0	230	1.5	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DH1-326D6	DH1	0	230	1.5	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DH1-327D8	DH1	0	230	2.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DG1-342D2	DG1	0	480	1.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DG1-343D3	DG1	0	480	1.5	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DG1-344D3	DG1	0	480	2.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DG1-345D6	DG1	0	480	3.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DH1-343D3	DH1	0	480	1.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DH1-344D3	DH1	0	480	1.5	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DH1-345D6	DH1	0	480	2.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DH1-347D6	DH1	0	480	3.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
DG1-323D7	DG1	1	230	0.8	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DG1-327D8	DG1	1	230	2.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DG1-32011	DG1	1	230	3.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DH1-32011	DH1	1	230	3.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DH1-32012	DH1	1	230	4.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DG1-347D6	DG1	1	480	5.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DH1-349D0	DH1	1	480	5.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DG1-349D0	DG1	1	480	7.5	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DH1-34012	DH1	1	480	7.5	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DG1-353D3	DG1	1	575	2.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DG1-354D5	DG1	1	575	3.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DH1-354D5	DH1	1	575	3.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DG1-357D5	DG1	1	575	5.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DH1-357D5	DH1	1	575	5.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DH1-35010	DH1	1	575	7.5	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
DG1-32012	DG1	2	230	5.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DG1-32017	DG1	2	230	5.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DH1-32017	DH1	2	230	5.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DH1-32025	DG1	2	230	7.5	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DH1-32025	DH1	2	230	7.5	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DH1-32031	DH1	2	230	10.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DG1-34012	DG1	2	480	7.5	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DG1-34016	DG1	2	480	10.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DH1-34016	DH1	2	480	10.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DG1-34023	DG1	2	480	15.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DH1-34023	DH1	2	480	15.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DH1-34031	DH1	2	480	20.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DG1-35010	DG1	2	575	7.5	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DG1-35013	DG1	2	575	10.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DH1-35013	DH1	2	575	10.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DG1-35018	DG1	2	575	15.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DH1-35018	DH1	2	575	15.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DH1-35022	DH1	2	575	20.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
DG1-32031	DG1	3	230	10.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
DG1-32048	DG1	3	230	15.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
DH1-32048	DH1	3	230	15.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
DH1-32061	DH1	3	230	20.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
DG1-34031	DG1	3	480	20.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
DG1-34038	DG1	3	480	25.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
DH1-34038	DH1	3	480	25.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
DG1-34046	DG1	3	480	30.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	16
DH1-34046	DH1	3	480	30.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated
DH1-34061	DH1	3	480	40.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated
DG1-35022	DG1	3	575	20.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated
DG1-35027	DG1	3	575	25.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated
DH1-35027	DH1	3	575	25.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated
DG1-35034	DG1	3	575	30.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated
DH1-35034	DH1	3	575	30.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated
DH1-35041	DH1	3	575	40.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated

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## Special Seismic Certification

### Certified Product Range

Manufacturer: Eaton Corporation

Product Line: Open Variable Frequency Drives, DG1,DH1

Certified Options: Types IP21/TYPE1/IP54/TYPE12, Plug in option cards

Certified Mounting: Wall

Variable Frequency Drives												
VFD Model	Model Line	Frame	Maximum Voltage (V)	Power (HP)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Mounting	S <sub>DS</sub>	F <sub>p</sub> /W <sub>p</sub>	Unit Under Test
DG1-32061	DG1	4	230	20.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DG1-32075	DG1	4	230	25.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DH1-32075	DH1	4	230	25.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DG1-32088	DG1	4	230	30.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DH1-32088	DH1	4	230	30.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DH1-32114	DH1	4	230	40.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DG1-34061	DG1	4	480	40.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DG1-34072	DG1	4	480	50.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DH1-34072	DH1	4	480	50.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DG1-34087	DG1	4	480	60.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DH1-34087	DH1	4	480	60.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DH1-34105	DH1	4	480	75.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DG1-35041	DG1	4	575	40.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DG1-35052	DG1	4	575	50.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DH1-35052	DH1	4	575	50.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DG1-35062	DG1	4	575	60.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DH1-35062	DH1	4	575	60.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DH1-35080	DH1	4	575	75.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
DG1-32114	DG1	5	230	40.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DG1-32143	DG1	5	230	50.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DH1-32143	DH1	5	230	50.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DG1-32170	DG1	5	230	60.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DH1-32170	DH1	5	230	60.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DH1-32211	DH1	5	230	75.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DG1-34105	DG1	5	480	75.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DG1-34140	DG1	5	480	100.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DH1-34140	DH1	5	480	100.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DG1-34170	DG1	5	480	125.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DH1-34170	DH1	5	480	125.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DH1-34205	DH1	5	480	150.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DG1-35080	DG1	5	575	75.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DG1-35100	DG1	5	575	100.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DH1-35100	DH1	5	575	100.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DG1-35125	DG1	5	575	125.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DH1-35125	DH1	5	575	125.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DH1-35144	DH1	5	575	150.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
DG1-32211	DG1	6	230	75.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
DG1-32248	DG1	6	230	100.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
DH1-32261	DH1	6	230	100.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
DH1-32312	DH1	6	230	125.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
DG1-34205	DG1	6	480	150.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
DG1-34245	DG1	6	480	200.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
DH1-34261	DH1	6	480	200.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
DH1-34310	DH1	6	480	250.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
DG1-35144	DG1	6	575	150.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
DG1-35208	DG1	6	575	200.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
DH1-35208	DH1	6	575	200.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	17

**Special Seismic Certification  
Certified Product Range**

Manufacturer: Eaton Corporation

Product Line: Open Variable Frequency Drives, SVX, SPX

Certified Options: Types IP21/TYPE1/IP54/TYPE12, Plug in option cards

Certified Mounting: Wall

Variable Frequency Drives												
VFD Model	Model Line	Frame	Maximum Voltage (V)	Power (HP)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
SVXF07A1-2	SVX	4	230	0.8	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVXF07A2-2	SVX	4	230	0.8	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVXF07A1-2	SVX	4	230	0.8	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPXF07A2-2	SPX	4	230	0.8	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPXF07A1-2	SPX	4	230	0.8	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX001A2-2	SVX	4	230	1.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX001A1-2	SVX	4	230	1.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX001A2-2	SPX	4	230	1.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX001A1-2	SPX	4	230	1.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVXF15A2-2	SVX	4	230	1.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVXF15A1-2	SVX	4	230	1.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPXF15A2-2	SPX	4	230	1.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPXF15A1-2	SPX	4	230	1.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX002A2-2	SVX	4	230	2.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX002A1-2	SVX	4	230	2.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX002A2-2	SPX	4	230	2.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX002A1-2	SPX	4	230	2.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX003A2-2	SVX	4	230	3.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX003A1-2	SVX	4	230	3.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX003A2-2	SPX	4	230	3.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX003A1-2	SPX	4	230	3.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX001A2-4	SVX	4	480	1.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX001A1-4	SVX	4	480	1.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX001A2-4	SPX	4	480	1.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX001A1-4	SPX	4	480	1.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVXF15A2-4	SVX	4	480	1.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVXF15A1-4	SVX	4	480	1.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPXF15A2-4	SPX	4	480	1.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPXF15A1-4	SPX	4	480	1.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX002A2-4	SVX	4	480	2.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX002A1-4	SVX	4	480	2.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX002A2-4	SPX	4	480	2.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX002A1-4	SPX	4	480	2.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX003A2-4	SVX	4	480	3.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX003A1-4	SVX	4	480	3.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX003A2-4	SPX	4	480	3.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX003A1-4	SPX	4	480	3.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX005A2-4	SVX	4	480	5.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX005A1-4	SVX	4	480	5.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX005A2-4	SPX	4	480	5.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX005A1-4	SPX	4	480	5.0	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX006A2-4	SVX	4	480	7.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX006A1-4	SVX	4	480	7.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX006A2-4	SPX	4	480	7.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SPX006A1-4	SPX	4	480	7.5	12.9	5.0	7.5	11.0	Wall	2.35	1.76	Extrapolated
SVX004A2-2	SVX	5	230	5.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX004A1-2	SVX	5	230	5.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX005A2-2	SVX	5	230	5.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX005A1-2	SVX	5	230	5.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX004A2-2	SPX	5	230	5.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX004A1-2	SPX	5	230	5.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX005A2-2	SPX	5	230	5.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX005A1-2	SPX	5	230	5.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX007A2-2	SVX	5	230	7.5	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX007A1-2	SVX	5	230	7.5	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX007A2-2	SPX	5	230	7.5	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX007A1-2	SPX	5	230	7.5	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX007A2-4	SVX	5	480	7.5	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX007A1-4	SVX	5	480	7.5	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX007A2-4	SPX	5	480	7.5	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX007A1-4	SPX	5	480	7.5	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX007B1-4	SPX	5	480	7.5	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX010A2-4	SVX	5	480	10.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated

Continued on next page

**Special Seismic Certification  
Certified Product Range**

Manufacturer: Eaton Corporation

Product Line: Open Variable Frequency Drives, SVX, SPX

Certified Options: Types IP21/TYPE1/IP54/TYPE12, Plug in option cards

Certified Mounting: Wall

Variable Frequency Drives												
VFD Model	Model Line	Frame	Maximum Voltage (V)	Power (HP)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
SVX010A1-4	SVX	5	480	10.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX010A2-4	SPX	5	480	10.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX010A1-4	SPX	5	480	10.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX015A2-4	SVX	5	480	15.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX015A1-4	SVX	5	480	15.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX015A2-4	SPX	5	480	15.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SPX015A1-4	SPX	5	480	15.0	16.5	5.7	8.4	17.9	Wall	2.35	1.76	Extrapolated
SVX010A2-2	SVX	6	230	10.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SVX010A1-2	SVX	6	230	10.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SPX010A2-2	SPX	6	230	10.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SPX010A1-2	SPX	6	230	10.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SVX015A2-2	SVX	6	230	15.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SVX015A1-2	SVX	6	230	15.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SPX015A2-2	SPX	6	230	15.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SPX015A1-2	SPX	6	230	15.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SVX020A2-4	SVX	6	480	20.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SVX020A1-4	SVX	6	480	20.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SPX020A2-4	SPX	6	480	20.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SPX020A1-4	SPX	6	480	20.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SVX025A2-4	SVX	6	480	25.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Extrapolated
SVX025A1-4	SVX	6	480	25.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	18
SPX025A2-4	SPX	6	480	25.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX025A1-4	SPX	6	480	25.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX030A2-4	SVX	6	480	30.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX030A1-4	SVX	6	480	30.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX030A2-4	SPX	6	480	30.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX030A1-4	SPX	6	480	30.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX002A2-5	SVX	6	575	2.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX002A1-5	SVX	6	575	2.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX002A2-5	SPX	6	575	2.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX002A1-5	SPX	6	575	2.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX003A2-5	SVX	6	575	3.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX003A1-5	SVX	6	575	3.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX003A2-5	SPX	6	575	3.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX003A1-5	SPX	6	575	3.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX004A2-5	SVX	6	575	5.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX004A1-5	SVX	6	575	5.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX005A2-5	SVX	6	575	5.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX005A1-5	SVX	6	575	5.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX004A2-5	SPX	6	575	5.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX004A1-5	SPX	6	575	5.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX005A2-5	SPX	6	575	5.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX005A1-5	SPX	6	575	5.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX007S2-5	SVX	6	575	7.5	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX007A1-5	SVX	6	575	7.5	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX007A2-5	SPX	6	575	7.5	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX007A1-5	SPX	6	575	7.5	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX010A2-5	SVX	6	575	10.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX010A1-5	SVX	6	575	10.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX010A2-5	SPX	6	575	10.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX010A1-5	SPX	6	575	10.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX015A2-5	SVX	6	575	15.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX015A1-5	SVX	6	575	15.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX015A2-5	SPX	6	575	15.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX015A1-5	SPX	6	575	15.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX020A2-5	SVX	6	575	20.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX020A1-5	SVX	6	575	20.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX020A2-5	SPX	6	575	20.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX020A1-5	SPX	6	575	20.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX025A2-5	SVX	6	575	25.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SVX025A1-5	SVX	6	575	25.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX025A2-5	SPX	6	575	25.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated
SPX025A1-5	SPX	6	575	25.0	22.0	7.7	9.3	40.8	Wall	2.35	1.76	Interpolated

Continued on next page

**Special Seismic Certification  
Certified Product Range**

Manufacturer: Eaton Corporation

Product Line: Open Variable Frequency Drives, SVX, SPX

Certified Options: Types IP21/TYPER1/IP54/TYPER12, Plug in option cards

Certified Mounting: Wall

Variable Frequency Drives												
VFD Model	Model Line	Frame	Maximum Voltage (V)	Power (HP)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
SVX020A2-2	SVX	7	230	20.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX020A1-2	SVX	7	230	20.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX020A2-2	SPX	7	230	20.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX020A1-2	SPX	7	230	20.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX025A2-2	SVX	7	230	25.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX025A1-2	SVX	7	230	25.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX025A2-2	SPX	7	230	25.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX025A1-2	SPX	7	230	25.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX030A2-2	SVX	7	230	30.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX030A1-2	SVX	7	230	30.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX030A2-2	SPX	7	230	30.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX030A1-2	SPX	7	230	30.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX040A2-4	SVX	7	480	40.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX040A1-4	SVX	7	480	40.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX040A2-4	SPX	7	480	40.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX040A1-4	SPX	7	480	40.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX050A2-4	SVX	7	480	50.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX050A1-4	SVX	7	480	50.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX050A2-4	SPX	7	480	50.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX050A1-4	SPX	7	480	50.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX060A2-4	SVX	7	480	60.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX060A1-4	SVX	7	480	60.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX060A2-4	SPX	7	480	60.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX060A1-4	SPX	7	480	60.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX030A2-5	SVX	7	575	30.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX030A1-5	SVX	7	575	30.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX030A2-5	SPX	7	575	30.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX030A1-5	SPX	7	575	30.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX040A2-5	SVX	7	575	40.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX040A1-5	SVX	7	575	40.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX040A2-5	SPX	7	575	40.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SPX040A1-5	SPX	7	575	40.0	25.6	10.6	10.1	77.2	Wall	2.35	1.76	Interpolated
SVX040A2-2	SVX	8	230	40.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX040A1-2	SVX	8	230	40.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX040A2-2	SPX	8	230	40.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX040A1-2	SPX	8	230	40.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX050A2-2	SVX	8	230	50.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX050A1-2	SVX	8	230	50.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX050A2-2	SPX	8	230	50.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX050A1-2	SPX	8	230	50.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX060A2-2	SVX	8	230	60.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX060A1-2	SVX	8	230	60.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX060A2-2	SPX	8	230	60.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX060A1-2	SPX	8	230	60.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX075A2-4	SVX	8	480	75.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX075A1-4	SVX	8	480	75.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX075A2-4	SPX	8	480	75.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX075A1-4	SPX	8	480	75.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX100A2-4	SVX	8	480	100.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX100A1-4	SVX	8	480	100.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX100A2-4	SPX	8	480	100.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX100A1-4	SPX	8	480	100.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX125A2-4	SVX	8	480	125.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX125A1-4	SVX	8	480	125.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX125A2-4	SPX	8	480	125.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX125A1-4	SPX	8	480	125.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX050A2-5	SVX	8	575	50.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX050A1-5	SVX	8	575	50.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated

Continued on next page

**Special Seismic Certification  
Certified Product Range**

Manufacturer: Eaton Corporation

Product Line: Open Variable Frequency Drives, SVX, SPX

Certified Options: Types IP21/TYPE1/IP54/TYPE12, Plug in option cards

Certified Mounting: Wall

Variable Frequency Drives												
VFD Model	Model Line	Frame	Maximum Voltage (V)	Power (HP)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
SPX050A2-5	SPX	8	575	50.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX050A1-5	SPX	8	575	50.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX060A2-5	SVX	8	575	60.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX060A1-5	SVX	8	575	60.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX060A2-5	SPX	8	575	60.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX060A1-5	SPX	8	575	60.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX075A2-5	SVX	8	575	75.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX075A1-5	SVX	8	575	75.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX075A2-5	SPX	8	575	75.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SPX075A1-5	SPX	8	575	75.0	32.8	14.0	13.4	127.8	Wall	2.35	1.76	Interpolated
SVX075A2-2	SVX	9	230	75.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX075A1-2	SVX	9	230	75.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX075A2-2	SPX	9	230	75.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX075A1-2	SPX	9	230	75.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX100A2-2	SVX	9	230	100.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX100A1-2	SVX	9	230	100.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX100A2-2	SPX	9	230	100.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX100A1-2	SPX	9	230	100.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX100A2-5	SVX	9	575	100.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX100A1-5	SVX	9	575	100.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX100A2-5	SPX	9	575	100.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX100A1-5	SPX	9	575	100.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX125A2-5	SVX	9	575	125.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX125A1-5	SVX	9	575	125.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX125A2-5	SPX	9	575	125.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX125A1-5	SPX	9	575	125.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX150A2-5	SVX	9	575	150.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX150A1-5	SVX	9	575	150.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX150A2-5	SPX	9	575	150.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX150A1-5	SPX	9	575	150.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX175A2-5	SVX	9	575	200.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX175A1-5	SVX	9	575	200.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX175A2-5	SPX	9	575	200.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX175A1-5	SPX	9	575	200.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX150A2-4	SPX	9	480	150.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX150A1-4	SPX	9	480	150.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX200A2-4	SVX	9	480	200.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX200A2-4	SPX	9	480	200.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SPX200A1-4	SPX	9	480	200.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX150A2-4	SVX	9	480	150.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX150A1-4	SVX	9	480	150.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	Interpolated
SVX200A1-4	SVX	9	480	200.0	45.3	18.8	14.3	321.9	Wall	2.35	1.76	19

**Special Seismic Certification**

**Certified Product Range**

Manufacturer: Eaton Corporation brand labeled JCI

Product Line: Open Variable Frequency Drives, VS3

Certified Options: Types IP21/TYPE1/IP54/TYPE12, Plug in option cards

Certified Mounting: Wall

Variable Frequency Drives												
VFD Model	Model Line	Frame	Maximum Voltage (V)	Power (HP)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
VS3-D75-2	VS3	0	230	1.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
VS3-1D1-2	VS3	0	230	1.5	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
VS3-1D5-2	VS3	0	230	2.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
VS3-1D1-4	VS3	0	480	1.5	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
VS3-1D5-4	VS3	0	480	2.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
VS3-2D2-4	VS3	0	480	3.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
VS3-3D0-4	VS3	0	480	5.0	10.6	5.0	6.8	4.4	Wall	2.35	1.76	Extrapolated
VS3-001-2	VS3	1	230	1.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-D75-2	VS3	1	230	1.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-002-2	VS3	1	230	2.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-003-2	VS3	1	230	3.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-2D2-2	VS3	1	230	3.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-3D0-2	VS3	1	230	3.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-002-4	VS3	1	480	2.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-003-4	VS3	1	480	3.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-005-4	VS3	1	480	5.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-7D5-4	VS3	1	480	7.5	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-5D5-4	VS3	1	480	7.5	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-015-4	VS3	1	480	15.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-025-4	VS3	1	480	25.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-050-4	VS3	1	480	50.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-100-4	VS3	1	480	100.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-150-4	VS3	1	480	150.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-003-5	VS3	1	575	3.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-005-5	VS3	1	575	5.0	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-7D5-5	VS3	1	575	7.5	12.9	6.0	7.9	14.3	Wall	2.35	1.76	Extrapolated
VS3-005-2	VS3	2	230	5.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-3D7-2	VS3	2	230	5.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-7D5-2	VS3	2	230	7.5	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-5D5-2	VS3	2	230	7.5	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-010-2	VS3	2	230	10.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-010-4	VS3	2	480	10.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-011-4	VS3	2	480	15.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-020-4	VS3	2	480	20.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-010-5	VS3	2	575	10.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-015-5	VS3	2	575	15.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-020-5	VS3	2	575	20.0	16.5	6.6	9.6	23.4	Wall	2.35	1.76	Extrapolated
VS3-015-2	VS3	3	230	15.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
VS3-011-2	VS3	3	230	15.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
VS3-020-2	VS3	3	230	20.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
VS3-018-4	VS3	3	480	25.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
VS3-030-4	VS3	3	480	30.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
VS3-022-4	VS3	3	480	30.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Extrapolated
VS3-040-4	VS3	3	480	40.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	16
VS3-025-5	VS3	3	575	25.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated
VS3-030-5	VS3	3	575	30.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated
VS3-040-5	VS3	3	575	40.0	22.0	8.1	10.4	49.8	Wall	2.35	1.76	Interpolated
VS3-025-2	VS3	4	230	25.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-018-2	VS3	4	230	25.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-030-2	VS3	4	230	30.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-022-2	VS3	4	230	30.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-040-2	VS3	4	230	40.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-037-4	VS3	4	480	50.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-060-4	VS3	4	480	60.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-045-4	VS3	4	480	60.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-075-4	VS3	4	480	75.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-055-4	VS3	4	480	75.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-050-5	VS3	4	575	50.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-060-5	VS3	4	575	60.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-075-5	VS3	4	575	75.0	24.8	9.4	11.6	77.6	Wall	2.35	1.76	Interpolated
VS3-050-2	VS3	5	230	50.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-037-2	VS3	5	230	50.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-060-2	VS3	5	230	60.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-045-2	VS3	5	230	60.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-075-2	VS3	5	230	75.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-055-2	VS3	5	230	75.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-125-4	VS3	5	480	125.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-090-4	VS3	5	480	125.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-110-4	VS3	5	480	150.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-100-5	VS3	5	575	100.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-125-5	VS3	5	575	125.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-150-5	VS3	5	575	150.0	35.0	11.3	13.4	154.3	Wall	2.35	1.76	Interpolated
VS3-100-2	VS3	6	230	100.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
VS3-125-2	VS3	6	230	125.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
VS3-090-2	VS3	6	230	125.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated

Continued on next page

**Special Seismic Certification**

**Certified Product Range**

Manufacturer: Eaton Corporation brand labeled JCI

Product Line: Open Variable Frequency Drives, VS3

Certified Options: Types IP21/TYPER1/IP54/TYPER12, Plug in option cards

Certified Mounting: Wall

Variable Frequency Drives												
VFD Model	Model Line	Frame	Maximum Voltage (V)	Power (HP)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
VS3-200-5	VS3	6	575	200.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
VS3-250-5	VS3	6	575	250.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
VS3-200-4	VS3	6	480	200.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
VS3-132-4	VS3	6	480	200.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
VS3-160-4	VS3	6	480	250.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	Interpolated
VS3-250-4	VS3	6	480	250.0	34.0	19.1	14.6	281.3	Wall	2.35	1.76	17



**Special Seismic Certification**  
**Certified Product Range**  
**Manufacturer: Eaton Corporation**  
**Product Line: Enclosed Control Eaton Assemblies**  
**Certified Mountings: Wall**

Panel Descriptions	Enclosed VFD Model Line	Model	Maximum Voltage (V)	Power (HP)	Enclosure Model	Enclosure Mounting	NEMA Enclosure Rating*	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs)	Enclosure Material	S <sub>os</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
VFD mounted to enclosure containing protection and switching devices	EHC	EHC0114A1K0000000	575	7.5	H1D	Wall	1	22.12	6.50	10.12	27.00	Carbon Steel	2.35	1.76	1
	EHC	EHC0274A1K0000000	575	20	H2D	Wall	1	25.69	6.64	11.94	34.87	Carbon Steel	2.35	1.76	Interpolated
	EHC	EHC0524A1K0000000	575	40	H3D	Wall	1	32.14	8.50	12.05	63.32	Carbon Steel	2.35	1.76	Interpolated
	EHC	EHC0964A1K0000000	575	75	H4D	Wall	1	39.12	9.50	12.56	96.00	Carbon Steel	2.35	1.76	2
Compact wall mounted containing VFD, protection and switching components	EHB,EHD	EHB3D44A1JTOE20000	575	2	H1S	Wall	1	34.88	8.75	10.50	35.00	Plastic Cover /Carbon Steel Base	2.35	1.76	3
	EHB,EHD	EHB7D64A1KTOE20000	575	5	H1	Wall	1	40.88	8.69	9.69	40.50	Plastic Cover /Carbon Steel Base	2.35	1.76	23
	EHB,EHD	EHB0274A1JTOE20000	575	20	H2S	Wall	1	38.93	9.69	12.18	54.00	Plastic Cover /Carbon Steel Base	2.35	1.76	22
	EHB,EHD	EHB0274A1KTOE20000	575	20	H2	Wall	1	44.93	9.69	11.38	56.50	Plastic Cover /Carbon Steel Base	2.35	1.76	21
	EHB,EHD	EHB091A1KTOE20000	575	20	H3	Wall	1	50.88	11.44	11.75	97.50	Plastic Cover /Carbon Steel Base	2.35	1.76	20
	EHB,EHD	EHB0964A1KTOE20000	575	75	H4	Wall	1	59.31	14.56	14.88	168.50	Plastic Cover /Carbon Steel Base	2.35	1.76	4
Compact metal wall mounted containing VFD, protection and switching components	EHB,EHD	EHB0415A3KTOE2A000	575	40	H3X	Wall	3R	50.00	12.75	16.00	144.00	Carbon Steel	2.35	1.76	5
	EHB,EHD	EHB0274A2JTOE20000	575	20	H3X	Wall	12	50.00	12.75	14.50	96.00	Carbon Steel	2.35	1.76	6
Metal wall mounted enclosures containing VFD, protection and switching components	EHB,EHD,EGS,SVX	EGS0144B160DB10032	575	10	AX	Wall	1	25.40	20.90	17.02	200.00	Carbon Steel	2.35	1.76	Interpolated
	EHB,EHD,EGS,SVX	EGS0144B260DB10032	575	10	AX	Wall	12	25.40	20.90	17.02	200.00	Carbon Steel	2.35	1.76	Interpolated
	EHB,EHD,EGS,SVX	EGS0144B360DB1A032	575	10	AX	Wall	3R	34.00	21.25	21.00	188.00	Carbon Steel	2.35	1.76	7
	EHB,EHD,EGS,SVX	EGS0964A1B0DB10032	575	75	BX	Wall	1	36.80	20.92	17.01	270.00	Carbon Steel	2.35	1.76	Interpolated
	EHB,EHD,EGS,SVX	EGS0964A2B0DB10032	575	75	BX	Wall	12	36.80	20.92	17.01	270.00	Carbon Steel	2.35	1.76	Interpolated
	EHB,EHD,EGS,SVX	EGS0964A3B0DB1A032	575	75	BX	Wall	3R	36.80	20.92	17.01	340.00	Carbon Steel	2.35	1.76	Interpolated
	EHB,EHD,EGS, EGF,CFX,SVX	EGS1804A1B0DB10032	575	150	CX	Wall	1	48.80	30.92	17.76	400.00	Carbon Steel	2.35	1.76	Interpolated
	EHB,EHD,EGS, EGF,CFX,SVX	EGS1804A2B0DB10032	575	150	CX	Wall	12	48.80	30.92	17.76	400.00	Carbon Steel	2.35	1.76	Interpolated
	EHB,EHD,EGS, EGF,CFX,SVX	EGS1804A3B0DB1A032	575	150	CX	Wall	3R	57.00	31.25	21.50	562.00	Carbon Steel	2.35	1.76	8

\* - Enclosure construction is common. Differences include gasket material and shield for 3R and 12 construction.

**Special Seismic Certification**

**Certified Product Range**

**Manufacturer: Eaton Corporation brand labeled JCI**

**Product Line: Enclosed Control JCI/Eaton Assemblies**

**Certified Mountings: Wall**

Panel Descriptions	Enclosed VFD Model Line	Model	Maximum Voltage (V)	Power (HP)	Enclosure Model	Enclosure Mounting	NEMA Enclosure Rating*	Height (in.)	Width (in.)	Depth (in.)	Wgt (lbs)	Enclosure Material	S <sub>05</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
VFD mounted to enclosure containing protection and switching devices	VS3-_-N1C	VS3-7D5-4-N1C	575	7.5	H1D	Wall	1	22.12	6.47	10.12	27.00	Carbon Steel	2.35	1.76	1
		VS3-020-4-N1C	575	20	H2D	Wall	1	25.69	6.64	11.94	34.87	Carbon Steel	2.35	1.76	Interpolated
		VS3-040-4-N1C	575	40	H3D	Wall	1	32.14	8.50	12.05	63.32	Carbon Steel	2.35	1.76	Interpolated
		VS3-075-4-N1C	575	75	H4D	Wall	1	39.12	9.50	12.56	96.00	Carbon Steel	2.35	1.76	2
Compact wall mounted containing VFD, protection and switching components	VS3-_-N1B VS3-_-N1D	VS3-002-4-N1B	575	2	H1S	Wall	1	34.88	8.75	10.50	35.00	Plastic Cover /Carbon Steel Base	2.35	1.76	3
		VS3-005-4-N1B	575	5	H1	Wall	1	40.88	8.69	9.69	40.50	Plastic Cover /Carbon Steel Base	2.35	1.76	23
		VS3-020-4-N1B	575	20	H2S	Wall	1	38.93	9.69	12.18	54.00	Plastic Cover /Carbon Steel Base	2.35	1.76	22
		VS3-020-4-N1B	575	20	H2	Wall	1	44.93	9.69	11.38	56.50	Plastic Cover /Carbon Steel Base	2.35	1.76	21
		VS3-020-4-N1B	575	20	H3	Wall	1	50.88	11.44	11.75	97.50	Plastic Cover /Carbon Steel Base	2.35	1.76	20
		VS3-005-4-N1B	575	75	H4	Wall	1	59.31	14.56	14.88	168.50	Plastic Cover /Carbon Steel Base	2.35	1.76	4
Compact metal wall mounted containing VFD, protection and switching components	VS3-_-N2B, VS3-_-N2D VS3-_-N3B, VS3-_-N3D	VS3-040-4-S3B	575	40	H3X	Wall	3R	50.00	12.75	16.00	144.00	Carbon Steel	2.35	1.76	5
		VS3-040-4-N2B	575	20	H3X	Wall	12	50.00	12.75	14.50	96.00	Carbon Steel	2.35	1.76	6
Metal wall mounted containing VFD, protection and switching components	VS3-_-N1B, VS3-_-N1D VS3-_-N2B, VS3-_-N2D VS3-_-N3B, VS3-_-N3D VS3-_-S3B, VS3-_-S3D	VS3-010-4-N1D	575	10	AX	Wall	1	25.40	20.90	17.02	200.00	Carbon Steel	2.35	1.76	Interpolated
		VS3-010-4-N2D	575	10	AX	Wall	12	25.40	20.90	17.02	200.00	Carbon Steel	2.35	1.76	Interpolated
		VS3-010-4-S3D	575	10	AX	Wall	3R	34.00	21.25	21.00	188.00	Carbon Steel	2.35	1.76	7
		VS3-075-4-N1D	575	75	BX	Wall	1	36.80	20.92	17.01	270.00	Carbon Steel	2.35	1.76	Interpolated
		VS3-075-4-N2D	575	75	BX	Wall	12	36.80	20.92	17.01	270.00	Carbon Steel	2.35	1.76	Interpolated
		VS3-075-4-S3D	575	75	BX	Wall	3R	36.80	20.92	17.01	340.00	Carbon Steel	2.35	1.76	Interpolated
		VS3-150-4-N1D	575	150	CX	Wall	1	48.80	30.92	17.76	400.00	Carbon Steel	2.35	1.76	Interpolated
		VS3-150-4-N2D	575	150	CX	Wall	12	48.80	30.92	17.76	400.00	Carbon Steel	2.35	1.76	Interpolated
VS3-150-4-S3D	575	150	CX	Wall	3R	57.00	31.25	21.50	562.00	Carbon Steel	2.35	1.76	8		

\* - Enclosure construction is common. Differences include gasket material and shield for 3R and 12 construction.

**Special Seismic Certification**  
**Certified Subcomponents**  
**Manufacturer: Eaton Corporation**  
**Product Line: Enclosed Control Eaton Assemblies**  
**Subcomponent: Variable Frequency Drives**

VFD Model	Model Line	Mfg	Frame Size	Volts (V)	Power (HP)	Current (A)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Component Mtg	S <sub>05</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
DH1-343D3	DH1	EATON	1	480V	1.5	3.3	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Extrapolated
DH1-344D3	DH1	EATON	1	480V	2.0	4.3	12.9	6.0	7.9	14.3	Flange	2.35	1.76	3
DH1-345D6	DH1	EATON	1	480V	3.0	5.6	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DH1-347D6	DH1	EATON	1	480V	5.0	7.6	12.9	6.0	7.9	14.3	Flange	2.35	1.76	23
DH1-34012	DH1	EATON	1	480V	7.5	12	12.9	6.0	7.9	14.3	Flange	2.35	1.76	1
DH1-324D8	DH1	EATON	1	230V	1.0	4.8	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DH1-326D6	DH1	EATON	1	230V	1.5	6.6	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DH1-327D8	DH1	EATON	1	230V	2.0	7.8	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DH1-32011	DH1	EATON	1	230V	3.0	11	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DH1-32012	DH1	EATON	1	230V	3.0	12	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DH1-354D5	DH1	EATON	1	575V	3.0	4.5	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DH1-357D5	DH1	EATON	1	575V	5.0	7.5	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DH1-35010	DH1	EATON	1	575V	7.5	10	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DH1-32017	DH1	EATON	2	230V	5.0	17.5	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DH1-32025	DH1	EATON	2	230V	7.5	25	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DH1-32031	DH1	EATON	2	230V	10.0	31	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DH1-34016	DH1	EATON	2	480V	10.0	16	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DH1-34023	DH1	EATON	2	480V	15.0	23	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DH1-34031	DH1	EATON	2	480V	20.0	31	16.5	6.6	9.6	23.4	Flange	2.35	1.76	6, 20, 21, 22
DH1-35013	DH1	EATON	2	575V	10.0	13	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DH1-35018	DH1	EATON	2	575V	15.0	18	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DH1-35022	DH1	EATON	2	575V	20.0	22	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DH1-32048	DH1	EATON	3	230V	15.0	48	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DH1-32061	DH1	EATON	3	230V	20.0	61	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DH1-34038	DH1	EATON	3	480V	25.0	38	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DH1-34046	DH1	EATON	3	480V	30.0	46	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DH1-34061	DH1	EATON	3	480V	40.0	61	22.0	8.1	10.4	49.8	Flange	2.35	1.76	5
DH1-35027	DH1	EATON	3	575V	25.0	27	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DH1-35034	DH1	EATON	3	575V	30.0	34	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DH1-35041	DH1	EATON	3	575V	40.0	41	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DH1-32075	DH1	EATON	4	230V	25.0	75	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DH1-32088	DH1	EATON	4	230V	30.0	88	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DH1-32114	DH1	EATON	4	230V	40.0	114	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DH1-34072	DH1	EATON	4	480V	50.0	72	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DH1-34087	DH1	EATON	4	480V	60.0	87	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DH1-34105	DH1	EATON	4	480V	75.0	105	24.8	9.4	11.6	77.6	Flange	2.35	1.76	2
DH1-35052	DH1	EATON	4	575V	50.0	52	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DH1-35062	DH1	EATON	4	575V	60.0	62	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DH1-35080	DH1	EATON	4	575V	75.0	80	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DH1-32143	DH1	EATON	5	230V	50.0	143	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DH1-32170	DH1	EATON	5	230V	60.0	170	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DH1-32211	DH1	EATON	5	230V	75.0	211	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DH1-34140	DH1	EATON	5	480V	100.0	140	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DH1-34170	DH1	EATON	5	480V	125.0	170	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DH1-34205	DH1	EATON	5	480V	150.0	205	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DH1-35100	DH1	EATON	5	575V	100.0	100	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DH1-35125	DH1	EATON	5	575V	125.0	125	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DH1-35144	DH1	EATON	5	575V	150.0	144	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DG1-323D7	DG1	EATON	1	230V	0.8	3.7/4.8	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-324D8	DG1	EATON	1	230V	1.0	4.8/6.6	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-326D6	DG1	EATON	1	230V	1.5	6.6/7.8	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-327D8	DG1	EATON	1	230V	2.0	7.8/11	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-32011	DG1	EATON	1	230V	3.0	11	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-342D2	DG1	EATON	1	480V	1.0	2.2	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-343D3	DG1	EATON	1	480V	1.5	3.3	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-344D3	DG1	EATON	1	480V	2.0	4.3	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-345D6	DG1	EATON	1	480V	3.0	5.6	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-347D6	DG1	EATON	1	480V	5.0	7.6	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-349D0	DG1	EATON	1	480V	7.5	9	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-353D3	DG1	EATON	1	575V	2.0	3.3/4.5	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-354D5	DG1	EATON	1	575V	3.0	4.5/7.5	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-357D5	DG1	EATON	1	575V	5.0	7.5/10	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
DG1-32017	DG1	EATON	2	230V	5.0	12.5/21	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DG1-32025	DG1	EATON	2	230V	7.5	25/31	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DG1-34012	DG1	EATON	2	480V	7.5	12/16	16.5	6.6	9.6	23.4	Flange	2.35	1.76	7
DG1-34016	DG1	EATON	2	480V	10.0	16/23	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DG1-34023	DG1	EATON	2	480V	15.0	23/31	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DG1-35010	DG1	EATON	2	575V	7.5	10/13	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DG1-35013	DG1	EATON	2	575V	10.0	13/18	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DG1-35018	DG1	EATON	2	575V	15.0	18/22	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DG1-32012	DG1	EATON	2	230V	5.0	12.5/17.5	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
DG1-32031	DG1	EATON	3	230V	10.0	31/48	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DG1-32048	DG1	EATON	3	230V	15.0	48/61	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DG1-34031	DG1	EATON	3	480V	20.0	31/38	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DG1-34038	DG1	EATON	3	480V	25.0	38/46	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DG1-34046	DG1	EATON	3	480V	30.0	46/61	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DG1-35022	DG1	EATON	3	575V	20.0	22/27	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DG1-35027	DG1	EATON	3	575V	25.0	27/34	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DG1-35034	DG1	EATON	3	575V	30.0	34/41	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
DG1-32061	DG1	EATON	4	230V	20.0	61/75	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DG1-32075	DG1	EATON	4	230V	25.0	75/88	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DG1-32088	DG1	EATON	4	230V	30.0	88/114	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DG1-34061	DG1	EATON	4	480V	40.0	61/72	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DG1-34072	DG1	EATON	4	480V	50.0	72/87	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DG1-34087	DG1	EATON	4	480V	60.0	87/105	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DG1-35041	DG1	EATON	4	575V	40.0	41/52	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DG1-35052	DG1	EATON	4	575V	50.0	52/62	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
DG1-35062	DG1	EATON	4	575V	60.0	62/80	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
SVXF07A1-2	SVX	EATON	4	230V	0.8	3.7/4.8	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SPXF07A1-2	SPX	EATON	4	230V	0.8	3.7/4.8	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SVX001A1-2	SVX	EATON	4	230V	1.0	4.8/6.5	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SPX001A1-2	SPX	EATON	4	230V	1.0	4.8								

**Special Seismic Certification**  
**Certified Subcomponents**  
**Manufacturer: Eaton Corporation**  
**Product Line: Enclosed Control Eaton Assemblies**  
**Subcomponent: Variable Frequency Drives**

VFD Model	Model Line	Mfg	Frame Size	Volts (V)	Power (HP)	Current (A)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Component Mtg	S <sub>05</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
SPXF15A1-2	SPX	EATON	4	230V	1.5	6.6/7.8	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SVX002A1-2	SVX	EATON	4	230V	2.0	7.8/11	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SPX002A1-2	SPX	EATON	4	230V	2.0	7.8/11	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SVX003A1-2	SVX	EATON	4	230V	3.0	11/12.5	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SPX003A1-2	SPX	EATON	4	230V	3.0	11/12.5	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SVX001A1-4	SVX	EATON	4	480V	1.0	2.2/3.3	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SPX001A1-4	SPX	EATON	4	480V	1.0	2.2/3.3	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SVXF15A1-4	SVX	EATON	4	480V	1.5	3.3/4.3	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SPXF15A1-4	SPX	EATON	4	480V	1.5	3.3/4.3	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SVX002A1-4	SVX	EATON	4	480V	2.0	4.3/5.6	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SPX002A1-4	SPX	EATON	4	480V	2.0	4.3/5.6	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SVX003A1-4	SVX	EATON	4	480V	3.0	5.6/7.6	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SPX003A1-4	SPX	EATON	4	480V	3.0	5.6/7.6	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SVX005A1-4	SVX	EATON	4	480V	5.0	7.6	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SPX005A1-4	SPX	EATON	4	480V	5.0	7.6	12.9	5.0	7.5	11.0	Flange	2.35	1.76	Interpolated
SVX004A1-2	SVX	EATON	5	230V	5.0	17.5	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SPX004A1-2	SPX	EATON	5	230V	5.0	17.5	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SVX005A1-2	SVX	EATON	5	230V	5.0	17.5/25	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SPX005A1-2	SPX	EATON	5	230V	5.0	17.5/25	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SVX007A1-2	SVX	EATON	5	230V	7.5	25/31	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SPX007A1-2	SPX	EATON	5	230V	7.5	25/31	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SVX007A1-4	SVX	EATON	5	480V	7.5	12/16	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SPX007A1-4	SPX	EATON	5	480V	7.5	12/16	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SVX010A1-4	SVX	EATON	5	480V	10.0	16/23	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SPX010A1-4	SPX	EATON	5	480V	10.0	16/23	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SVX015A1-4	SVX	EATON	5	480V	15.0	23/31	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SPX015A1-4	SPX	EATON	5	480V	15.0	23/31	16.5	5.7	8.4	17.9	Flange	2.35	1.76	Interpolated
SVX010A1-2	SVX	EATON	6	230V	10.0	31/48	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX010A1-2	SPX	EATON	6	230V	10.0	31/48	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX015A1-2	SVX	EATON	6	230V	15.0	48/61	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX015A1-2	SPX	EATON	6	230V	15.0	48/61	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX020A1-4	SVX	EATON	6	480V	20.0	31/38	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX020A1-4	SPX	EATON	6	480V	20.0	31/38	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX025A1-4	SVX	EATON	6	480V	25.0	38/46	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX025A1-4	SPX	EATON	6	480V	25.0	38/46	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX030A1-4	SVX	EATON	6	480V	30.0	46/61	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX030A1-4	SPX	EATON	6	480V	30.0	46/61	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX002A1-5	SVX	EATON	6	575V	2.0	3.3/4.5	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX002A1-5	SPX	EATON	6	575V	2.0	3.3/4.5	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX003A1-5	SVX	EATON	6	575V	3.0	4.5/7.5	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX003A1-5	SPX	EATON	6	575V	3.0	4.5/7.5	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX005A1-5	SVX	EATON	6	575V	5.0	7.5/10	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX005A1-5	SPX	EATON	6	575V	5.0	7.5/10	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX007A1-5	SVX	EATON	6	575V	7.5	10/13.5	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX007A1-5	SPX	EATON	6	575V	7.5	10/13.5	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX010A1-5	SVX	EATON	6	575V	10.0	13.5/18	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX010A1-5	SPX	EATON	6	575V	10.0	13.5/18	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX015A1-5	SVX	EATON	6	575V	15	18/22	21.97	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX015A1-5	SPX	EATON	6	575V	15	18/22	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX020A1-5	SVX	EATON	6	575V	20.0	22/27	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX020A1-5	SPX	EATON	6	575V	20.0	22/27	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX025A1-5	SVX	EATON	6	575V	25.0	27/34	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SPX025A1-5	SPX	EATON	6	575V	25.0	27/34	22.0	7.7	9.3	40.8	Flange	2.35	1.76	Interpolated
SVX020A1-2	SVX	EATON	7	230V	20.0	61/75	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SPX020A1-2	SPX	EATON	7	230V	20.0	61/75	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SVX025A1-2	SVX	EATON	7	230V	25.0	75/88	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SPX025A1-2	SPX	EATON	7	230V	25.0	75/88	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SVX030A1-2	SVX	EATON	7	230V	30.0	88/114	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SPX030A1-2	SPX	EATON	7	230V	30.0	88/114	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SVX040A1-4	SVX	EATON	7	480V	40.0	61/72	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SPX040A1-4	SPX	EATON	7	480V	40.0	61/72	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SVX050A1-4	SVX	EATON	7	480V	50.0	72/87	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SPX050A1-4	SPX	EATON	7	480V	50.0	72/87	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SVX060A1-4	SVX	EATON	7	480V	60.0	87/105	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SPX060A1-4	SPX	EATON	7	480V	60.0	87/105	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SVX030A1-5	SVX	EATON	7	575V	30.0	34/41	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SPX030A1-5	SPX	EATON	7	575V	30.0	34/41	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SVX040A1-5	SVX	EATON	7	575V	40.0	41/52	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SPX040A1-5	SPX	EATON	7	575V	40.0	41/52	25.6	10.6	10.1	77.6	Flange	2.35	1.76	Interpolated
SVX040A1-2	SVX	EATON	8	230V	40.0	114/140	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SPX040A1-2	SPX	EATON	8	230V	40.0	114/140	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SVX050A1-2	SVX	EATON	8	230V	50.0	140/170	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SPX050A1-2	SPX	EATON	8	230V	50.0	140/170	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SVX060A1-2	SVX	EATON	8	230V	60.0	170/205	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SPX060A1-2	SPX	EATON	8	230V	60.0	170/205	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SVX075A1-4	SVX	EATON	8	480V	75.0	105/140	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SPX075A1-4	SPX	EATON	8	480V	75.0	105/140	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SVX100A1-4	SVX	EATON	8	480V	100.0	140/170	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SPX100A1-4	SPX	EATON	8	480V	100.0	140/170	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SVX125A1-4	SVX	EATON	8	480V	125.0	170/205	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SPX125A1-4	SPX	EATON	8	480V	125.0	170/205	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SVX050A1-5	SVX	EATON	8	575V	50.0	52/62	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SPX050A1-5	SPX	EATON	8	575V	50.0	52/62	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SVX060A1-5	SVX	EATON	8	575V	60.0	62/80	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SPX060A1-5	SPX	EATON	8	575V	60.0	62/80	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SVX075A1-5	SVX	EATON	8	575V	75.0	80/100	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
SPX075A1-5	SPX	EATON	8	575V	75.0	80/100	32.8	14.0	13.4	127.8	Flange	2.35	1.76	Interpolated
DG1-35080	DG1	EATON	5	575V	75.0	80/100	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated

Continued on next page

Special Seismic Certification  
**Certified Subcomponents**  
 Manufacturer: Eaton Corporation  
 Product Line: Enclosed Control Eaton Assemblies  
 Subcomponent: Variable Frequency Drives

VFD Model	Model Line	Mfg	Frame Size	Volts (V)	Power (HP)	Current (A)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Component Mtg	S <sub>05</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
DG1-35100	DG1	EATON	5	575V	100.0	100/125	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DG1-35125	DG1	EATON	5	575V	125.0	125/144	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DG1-32114	DG1	EATON	5	230V	40.0	114/143	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DG1-32143	DG1	EATON	5	230V	50.0	143/170	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DG1-32170	DG1	EATON	5	230V	60.0	170/211	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DG1-34105	DG1	EATON	5	480V	75.0	105/140	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DG1-34140	DG1	EATON	5	480V	100.0	140/170	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
DG1-34170	DG1	EATON	5	480V	125.0	170/205	35.0	11.3	13.4	154.3	Flange	2.35	1.76	8



**Special Seismic Certification**  
**Certified Subcomponents**  
**Manufacturer: Eaton Corporation brand labeled JCI**  
**Product Line: Enclosed Control JCI Assemblies**  
**Subcomponent: Variable Frequency Drives**

VFD Model	Model Line	Mfg	Size	Volts (V)	Power (HP)	Current (A)	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Component Mtg	S <sub>05</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
VS31D54	VS3	JCI	1	480V	1.5	3.3	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Extrapolated
VS30024	VS3	JCI	1	480V	2.0	4.3	12.9	6.0	7.9	14.3	Flange	2.35	1.76	3
VS30034	VS3	JCI	1	480V	3.0	5.6	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
VS30054	VS3	JCI	1	480V	5.0	7.6	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
VS37D54	VS3	JCI	1	480V	7.5	12	12.9	6.0	7.9	14.3	Flange	2.35	1.76	1
VS30012	VS3	JCI	1	230V	1.0	4.8	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
VS31D52	VS3	JCI	1	230V	1.5	6.6	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
VS30022	VS3	JCI	1	230V	2.0	7.8	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
VS30032	VS3	JCI	1	230V	3.0	11	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
VS3D755	VS3	JCI	1	575V	3.0	4.5	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
VS30055	VS3	JCI	1	575V	5.0	7.5	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
VS37D55	VS3	JCI	1	575V	7.5	10	12.9	6.0	7.9	14.3	Flange	2.35	1.76	Interpolated
VS30052	VS3	JCI	2	230V	5.0	17.5	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
VS37D52	VS3	JCI	2	230V	7.5	25	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
VS30102	VS3	JCI	2	230V	10.0	31	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
VS30104	VS3	JCI	2	480V	10.0	16	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
VS30154	VS3	JCI	2	480V	15.0	23	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
VS30204	VS3	JCI	2	480V	20.0	31	16.5	6.6	9.6	23.4	Flange	2.35	1.76	6,20,21,22
VS30105	VS3	JCI	2	575V	10.0	13	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
VS30155	VS3	JCI	2	575V	15.0	18	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
VS30205	VS3	JCI	2	575V	20.0	22	16.5	6.6	9.6	23.4	Flange	2.35	1.76	Interpolated
VS30152	VS3	JCI	3	230V	15.0	48	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
VS30202	VS3	JCI	3	230V	20.0	61	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
VS30254	VS3	JCI	3	480V	25.0	38	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
VS30304	VS3	JCI	3	480V	30.0	46	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
VS30404	VS3	JCI	3	480V	40.0	61	22.0	8.1	10.4	49.8	Flange	2.35	1.76	5
VS30255	VS3	JCI	3	575V	25.0	27	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
VS30305	VS3	JCI	3	575V	30.0	34	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
VS30405	VS3	JCI	3	575V	40.0	41	22.0	8.1	10.4	49.8	Flange	2.35	1.76	Interpolated
VS30252	VS3	JCI	4	230V	25.0	75	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
VS30302	VS3	JCI	4	230V	30.0	88	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
VS30402	VS3	JCI	4	230V	40.0	114	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
VS30504	VS3	JCI	4	480V	50.0	72	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
VS30604	VS3	JCI	4	480V	60.0	87	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
VS30754	VS3	JCI	4	480V	75.0	105	24.8	9.4	11.6	77.6	Flange	2.35	1.76	2
VS30505	VS3	JCI	4	575V	50.0	52	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
VS30605	VS3	JCI	4	575V	60.0	62	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
VS30755	VS3	JCI	4	575V	75.0	80	24.8	9.4	11.6	77.6	Flange	2.35	1.76	Interpolated
VS30502	VS3	JCI	5	230V	50.0	143	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
VS30602	VS3	JCI	5	230V	60.0	170	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
VS30752	VS3	JCI	5	230V	75.0	211	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
VS31005	VS3	JCI	5	575V	100.0	100	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
VS31255	VS3	JCI	5	575V	125.0	125	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
VS31505	VS3	JCI	5	575V	150.0	144	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
VS31004	VS3	JCI	5	480V	100.0	140	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
VS31254	VS3	JCI	5	480V	125.0	170	35.0	11.3	13.4	154.3	Flange	2.35	1.76	Interpolated
VS31504	VS3	JCI	5	480V	150.0	205	35.0	11.3	13.4	154.3	Flange	2.35	1.76	8

DATE: 02/03/2021



Special Seismic Certification  
 Certified Subcomponents  
 Manufacturer: Eaton Corporation  
 Product Line: Enclosed Control Eaton Assemblies  
 Subcomponent: VFD Options

Model	VFD Model	Description	Height (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Mounting	S <sub>cs</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
DXG-KEY-HOLDER	DG1/DH1	Remote keypad mounting Holder	6.0	6.0	0.5	0.5	bolted	2.35	1.76	1,2,3,4,5,6,7,8,11,12,14,15,20,21,22,23
DXG-EXT-1A12AO	DG1/DH1	1 x AI, 2 x AO option card	4.2	2.2	0.8	0.1	Plug-in pcb	2.35	1.76	7,8,11,12,14,15
DXG-EXT-3RC	DG1/DH1	3 x relay dry contact option card	4.2	2.2	0.8	0.1	Plug-in pcb	2.35	1.76	7,8,11,12,14,15
DXG-EXT-3DI3DO1T	DG1/DH1	3 x DI, 3 x DO, 1 x therm option card	4.2	2.2	0.8	0.1	Plug-in pcb	2.35	1.76	Interpolated
DXG-EXT-THER1	DG1/DH1	3 x PT100 RTD option card	4.2	2.2	0.8	0.1	Plug-in pcb	2.35	1.76	Interpolated
DXG-EXT-6DI	DG1/DH1	6 x DI 240 Vac input option card	4.2	2.2	0.8	0.1	Plug-in pcb	2.35	1.76	Interpolated
DXG-NET-PROFB	DG1/DH1	PROFIBUS-DP communication card	3.8	2.2	0.5	0.1	Plug-in pcb	2.35	1.76	Interpolated
DXG-NET-CANOPEN	DG1/DH1	CANopen communication card	2.0	1.5	0.8	0.1	Plug-in pcb	2.35	1.76	Interpolated
DXG-NET-DEVICENET	DG1/DH1	DeviceNet communication card	4.2	2.2	0.8	0.1	Plug-in pcb	2.35	1.76	Interpolated
DXG-NET-PROAD	DG1/DH1	PROFIBUS DB9 to 5-pin adapter card	4.2	2.2	0.8	0.1	Plug-in pcb	2.35	1.76	Interpolated
DXG-EXT-3RC	DG1/DH1	3 x relay dry contact option card	4.2	2.2	0.8	0.1	Plug-in pcb	2.35	1.76	7,8,11,12,14,15



**Special Seismic Certification**  
**Certified Subcomponents**  
**Manufacturer: Eaton Corporation**  
**Product Line: Enclosed Control Eaton Assemblies**  
**Subcomponent: Circuit Protection**

Model	Description	Mfg	Frame Size	Amps	Height (in)	Width (in)	Depth (in)	Weight (lbs.)	Material	Component Mounting	S <sub>os</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
R9C3030	Disconnect	Eaton	C	30	7.4	3.1	3.2	0.5	Molded plastic, copper, steel	Bolted	2.35	1.76	23
R9C3060		Eaton	C	60	7.4	3.1	3.2	0.5	Molded plastic, copper, steel	Bolted	2.35	1.76	5,21
R9C3100		Eaton	C	100	7.4	3.1	3.2	0.5	Molded plastic, copper, steel	Bolted	2.35	1.76	20
R9CD100		Eaton	D	100	10.1	7.1	3.7	5.1	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
R9D200		Eaton	D	200	10.1	7.1	3.7	5.1	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
R9E3400		Eaton	E	400	16.0	9.1	4.9	13.3	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
R9J3030FJ		Eaton	J	30	5.4	5.9	4.8	4.0	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
R9J3060FJ		Eaton	J	60	5.4	5.9	4.8	4.0	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
R9K3100FJ		Eaton	K	100	7.3	5.9	4.8	5.1	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
R9L3200FJ		Eaton	L	200	11.5	7.7	5.1	7.9	Molded plastic, copper, steel	Bolted	2.35	1.76	8
XTPR004BC1	Manual Motor Protector	Eaton	B	4	3.7	1.8	3.7	0.7	Molded plastic, copper, steel	Din rail	2.35	1.76	3
XTPR2P5BC1		Eaton	B	2.5	3.7	1.8	3.7	0.7	Molded plastic, copper, steel	Din rail	2.35	1.76	Interpolated
XTPR6P3BC1		Eaton	B	6.3	3.7	1.8	3.7	0.7	Molded plastic, copper, steel	Din rail	2.35	1.76	Interpolated
XTPR010BC1		Eaton	B	10	3.7	1.8	3.7	0.7	Molded plastic, copper, steel	Din rail	2.35	1.76	Interpolated
XTPR012BC1		Eaton	B	12	3.7	1.8	3.7	0.7	Molded plastic, copper, steel	Din rail	2.35	1.76	Interpolated
XTPR020BC1		Eaton	B	20	3.7	1.8	3.7	0.7	Molded plastic, copper, steel	Din rail	2.35	1.76	Interpolated
XTPR016DC1		Eaton	D	16	5.6	2.2	6.7	2.8	Molded plastic, copper, steel	Din rail	2.35	1.76	Interpolated
XTPR025DC1		Eaton	D	25	5.6	2.2	6.7	2.8	Molded plastic, copper, steel	Din rail	2.35	1.76	Interpolated
XTPR050DC1		Eaton	D	50	5.6	2.2	6.7	2.8	Molded plastic, copper, steel	Din rail	2.35	1.76	Interpolated
XTPR040DC1		Eaton	D	40	5.6	2.2	6.7	2.8	Molded plastic, copper, steel	Din rail	2.35	1.76	Interpolated
XTPR058DC1	Eaton	D	58	5.6	2.2	6.7	2.8	Molded plastic, copper, steel	Din rail	2.35	1.76	Interpolated	
XTPR032DC1	Eaton	D	32	5.6	2.2	6.7	2.8	Molded plastic, copper, steel	Din rail	2.35	1.76	6,22	
FDC3015	Circuit Breaker	Eaton	F	15	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	1,2
HFD3015		Eaton	F	15	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3020		Eaton	F	20	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3020		Eaton	F	20	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3025		Eaton	F	25	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3025		Eaton	F	25	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3030		Eaton	F	30	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3030		Eaton	F	30	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3035		Eaton	F	35	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3035		Eaton	F	35	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3040		Eaton	F	40	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3040		Eaton	F	40	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3045		Eaton	F	45	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3045		Eaton	F	45	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3050		Eaton	F	50	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	7
HFD3050		Eaton	F	50	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3060		Eaton	F	60	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3060		Eaton	F	60	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3070		Eaton	F	70	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3070		Eaton	F	70	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3080		Eaton	F	80	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3080		Eaton	F	80	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3090		Eaton	F	90	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3090		Eaton	F	90	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3100		Eaton	F	100	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3100		Eaton	F	100	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HMCPS003A0C		Eaton	F	3	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HMCPS007C0C		Eaton	F	7	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HMCPS015E0C		Eaton	F	15	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HMCPS100R3C		Eaton	F	100	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HMCPS150T4C		Eaton	F	150	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HMCPS400R5C		Eaton	F	400	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3110		Eaton	F	110	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3110		Eaton	F	110	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3125		Eaton	F	125	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3125		Eaton	F	125	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3150		Eaton	F	150	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3175		Eaton	F	175	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3175		Eaton	F	175	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
FDC3200		Eaton	F	200	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated
HFD3200	Eaton	F	200	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated	
FDC3225	Eaton	F	225	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated	
HFD3225	Eaton	F	225	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	Interpolated	
FDC3150	Eaton	F	150	6.0	4.1	3.4	4.5	Molded plastic, copper, steel	Bolted	2.35	1.76	4	

**Special Seismic Certification  
Certified Subcomponents**

**Manufacturer: Eaton Corporation**

**Product Line: Enclosed Control Eaton Assemblies**

**Subcomponent: Contactors**

Model	MFG	Rating (A)	Size	Height (in)	Width (in)	Depth (in)	Weight (lbs.)	Component Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
XTCE007B	Eaton	20	B	2.7	1.8	4.9	0.6	Bolted	2.35	1.76	23
XTCE009B	Eaton	20	B	2.7	1.8	4.9	0.6	Bolted	2.35	1.76	Interpolated
XTCE012B	Eaton	20	B	2.7	1.8	4.9	0.6	Bolted	2.35	1.76	Interpolated
XTCE015B	Eaton	20	B	2.7	1.8	4.9	0.6	Bolted	2.35	1.76	Interpolated
XTCE018C	Eaton	40	C	3.5	1.8	5.5	1.1	Bolted	2.35	1.76	6,22,21
XTCE025C	Eaton	40	C	3.5	1.8	5.5	1.1	Bolted	2.35	1.76	Interpolated
XTCE032C	Eaton	40	C	3.5	1.8	5.5	1.1	Bolted	2.35	1.76	22,21
XTCE038C	Eaton	40	C	3.5	1.8	5.5	1.1	Bolted	2.35	1.76	Interpolated
XTCE040D	Eaton	63	D	4.7	2.2	5.8	2.4	Bolted	2.35	1.76	5
XTCE050D	Eaton	80	D	4.7	2.2	5.8	2.4	Bolted	2.35	1.76	Interpolated
XTCE065D	Eaton	88	D	4.7	2.2	5.8	2.4	Bolted	2.35	1.76	20
XTCE072D	Eaton	88	D	4.7	2.2	5.8	2.4	Bolted	2.35	1.76	Interpolated
XTCE080F	Eaton	125	F	6.7	4.4	6.3	4.6	Bolted	2.35	1.76	3
XTCE095F	Eaton	125	F	6.7	4.4	6.3	4.6	Bolted	2.35	1.76	Interpolated
XTCE115G	Eaton	180	G	6.7	4.4	6.3	4.6	Bolted	2.35	1.76	3
XTCE150G	Eaton	225	G	6.7	4.4	6.3	4.6	Bolted	2.35	1.76	Interpolated
XTCE170G	Eaton	225	G	6.7	4.4	6.3	4.6	Bolted	2.35	1.76	8

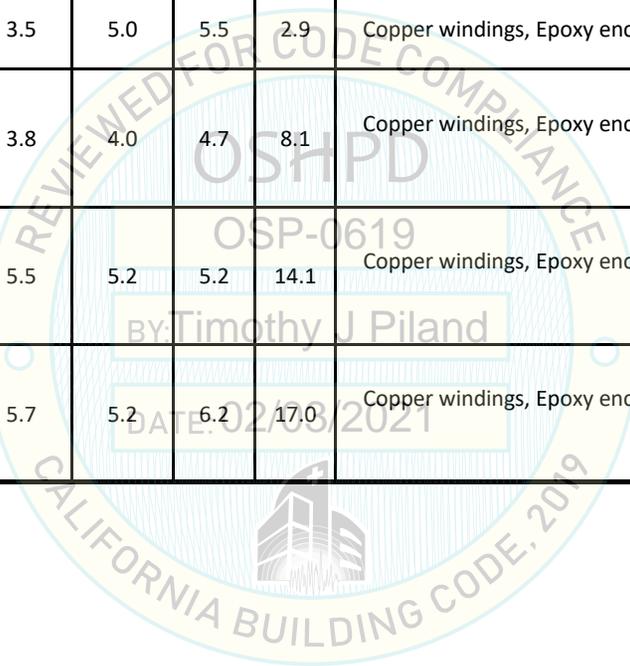
**Special Seismic Certification  
Certified Subcomponents**

**Manufacturer: Eaton Corporation**

**Product Line: Enclosed Control Eaton Assemblies**

**Subcomponent: Control Power Transformers**

Model	Power (VA)	Voltage (VAC) and Description	Height (in)	Width (in)	Depth (in)	Wght (lbs)	Material	Component Mounting	S <sub>Ds</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
C0050	50	Primary: 550/575/600 Secondary: 110/115/120	3.5	5.0	5.5	2.9	Copper windings, Epoxy encapsulated	Bolted	2.35	1.76	5
C0150	150	Primary: 200/220/440, 208/230/460, 240/480 Secondary: 23/110, 24/115, 25/120	3.8	4.0	4.7	8.1	Copper windings, Epoxy encapsulated	Bolted	2.35	1.76	7
C0250	250	Primary: 200/220/440, 208/230/460, 240/480 Secondary: 23/110, 24/115, 25/120	5.5	5.2	5.2	14.1	Copper windings, Epoxy encapsulated	Bolted	2.35	1.76	Interpolated
C0350	350	Primary: 200/220/440, 208/230/460, 240/480 Secondary: 23/110, 24/115, 25/120	5.7	5.2	6.2	17.0	Copper windings, Epoxy encapsulated	Bolted	2.35	1.76	8



**Special Seismic Certification  
Certified Subcomponents**

**Manufacturer: Eaton Corporation**

**Product Line: Enclosed Control Eaton Assemblies**

**Subcomponent: Reduced Voltage Softstarters**

Model	Frame	Rating (A)	Maximum Voltage (V)	Height (in)	Width (in)	Depth (in)	Weight (lbs)	Component Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
S811+N37	N	37	600	7.37	2.66	6.45	5.8	Bolted	2.35	1.76	7
S811+N66	N	66	600	7.37	2.66	6.45	5.8	Bolted	2.35	1.76	Interpolated
S811+R10	R	105	600	7.92	4.38	6.64	10.5	Bolted	2.35	1.76	Interpolated
S811+R13	R	135	600	7.92	4.38	6.64	10.5	Bolted	2.35	1.76	8



**Special Seismic Certification  
Certified Subcomponents**

**Manufacturer: MTE**

**Product Line: Enclosed Control Eaton Assemblies**

**Subcomponent: Reactors/Inductor, Copper Windings**

Model	MFG	Current (A)	Width (in)	Height (in)	Depth (in)	Weight (lbs.)	Component Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
RLW-01P603	MTE	1.6	4.5	3.7	1.5	2.0	Bolted	2.35	1.76	Interpolated
RL-00201	MTE	2.0	4.2	4	2.6	4.0	Bolted	2.35	1.76	Interpolated
RLW-02P103	MTE	2.1	4.5	3.7	1.5	2.0	Bolted	2.35	1.76	Interpolated
RLW-03P401	MTE	3.4	4.5	3.7	1.5	2.0	Bolted	2.35	1.76	Interpolated
RLW-03P403	MTE	3.4	4.5	3.7	1.5	2.0	Bolted	2.35	1.76	Interpolated
RL-00401	MTE	4.0	4.2	4	2.6	4.0	Bolted	2.35	1.76	Interpolated
RL-00402	MTE	4.0	4.2	4	2.6	4.0	Bolted	2.35	1.76	Interpolated
RLW-04P801	MTE	4.8	4.5	3.7	1.5	2.0	Bolted	2.35	1.76	Interpolated
RLW-04P803	MTE	4.8	4.5	3.7	1.5	2.0	Bolted	2.35	1.76	Interpolated
RLW-07P601	MTE	7.6	4.5	3.7	1.5	2.0	Bolted	2.35	1.76	Interpolated
RLW-07P603	MTE	7.6	4.2	4	2.6	3.0	Bolted	2.35	1.76	Interpolated
RLW-07P605	MTE	7.6	4.2	4	3	4.0	Bolted	2.35	1.76	Interpolated
RL-00801	MTE	8.0	5.9	4.6	3	7.0	Bolted	2.35	1.76	Interpolated
RL-00802	MTE	8.0	5.9	4.6	3	8.0	Bolted	2.35	1.76	Interpolated
RL-00803	MTE	8.0	5.9	4.7	3	0.0	Bolted	2.35	1.76	Interpolated
RLW-001101	MTE	11.0	4.2	4.1	2.6	3.0	Bolted	2.35	1.76	Interpolated
RLW-001103	MTE	11.0	4.2	4.1	2.6	4.0	Bolted	2.35	1.76	Interpolated
RL-01201	MTE	12.0	5.9	5	3	9.0	Bolted	2.35	1.76	Interpolated
RL-01202	MTE	12.0	5.9	5	3	10.0	Bolted	2.35	1.76	Interpolated
RLW-001401	MTE	14.0	4.2	4.1	2.6	3.0	Bolted	2.35	1.76	Interpolated
RLW-001403	MTE	14.0	4.2	4.1	3	4.0	Bolted	2.35	1.76	Interpolated
RL-01801	MTE	18.0	5.9	5.1	3	9.0	Bolted	2.35	1.76	Interpolated
RL-01802	MTE	18.0	5.9	5.1	3	12.0	Bolted	2.35	1.76	Interpolated
RLW-002101	MTE	21.0	4.2	5.2	3	4.0	Bolted	2.35	1.76	Interpolated
RLW-002103	MTE	21.0	5.9	6	2.9	7.0	Bolted	2.35	1.76	Interpolated
RL-02501	MTE	25.0	7.1	5.7	3	0.0	Bolted	2.35	1.76	Interpolated
RL-02502	MTE	25.0	7.1	5.8	3	14.0	Bolted	2.35	1.76	Interpolated
RLW-002801	MTE	28.0	4.2	2.2	3.3	5.0	Bolted	2.35	1.76	Interpolated
RLW-002803	MTE	28.0	5.9	6	3.3	10.0	Bolted	2.35	1.76	Interpolated
RL-03501	MTE	35.0	7.1	5.7	3	14.0	Bolted	2.35	1.76	7
RL-03502	MTE	35.0	7.1	5.8	3	16.0	Bolted	2.35	1.76	Interpolated
RLW-003501	MTE	35.0	5.9	6	3.5	10.0	Bolted	2.35	1.76	Interpolated

Continued on next page

OSP-0619

**Special Seismic Certification  
Certified Subcomponents**

**Manufacturer: MTE**

**Product Line: Enclosed Control Eaton Assemblies**

**Subcomponent: Reactors/Inductor, Copper Windings**

Model	MFG	Current (A)	Width (in)	Height (in)	Depth (in)	Weight (lbs.)	Component Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
RLW-003503	MTE	35.0	7.1	5.8	3.7	13.0	Bolted	2.35	1.76	Interpolated
RL-04501	MTE	45.0	8.9	7.1	4.3	0.0	Bolted	2.35	1.76	Interpolated
RL-04502	MTE	45.0	8.9	7.2	4.3	26.0	Bolted	2.35	1.76	Interpolated
RLW-004601	MTE	46.0	7.1	5.8	3.7	12.0	Bolted	2.35	1.76	Interpolated
RLW-004603	MTE	46.0	7.1	5.7	4.2	17.0	Bolted	2.35	1.76	Interpolated
RL-05501	MTE	55.0	9	6.9	4.3	24.0	Bolted	2.35	1.76	Interpolated
RL-05502	MTE	55.0	9	6.9	4.3	26.0	Bolted	2.35	1.76	Interpolated
RLW-005501	MTE	55.0	7.1	5.5	4.9	18.0	Bolted	2.35	1.76	Interpolated
RLW-005503	MTE	55.0	7.1	5.6	5.6	20.0	Bolted	2.35	1.76	Interpolated
RLW-006501	MTE	65.0	7.1	5.6	5	18.0	Bolted	2.35	1.76	Interpolated
RLW-006503	MTE	65.0	7.1	5.7	6	18.0	Bolted	2.35	1.76	Interpolated
RL-08001	MTE	80.0	8.9	6.9	4.3	25.0	Bolted	2.35	1.76	Interpolated
RL-08002	MTE	80.0	8.9	7.1	4.3	33.0	Bolted	2.35	1.76	Interpolated
RLW-008301	MTE	83.0	7.1	5.6	5.9	19.0	Bolted	2.35	1.76	Interpolated
RLW-008303	MTE	83.0	8.9	7.1	5.8	26.0	Bolted	2.35	1.76	Interpolated
RL-10001	MTE	100.0	8.9	7	4.3	29.0	Bolted	2.35	1.76	Interpolated
RL-10002	MTE	100.0	8.9	7	4.3	37.0	Bolted	2.35	1.76	Interpolated
RLW-010401	MTE	104.0	7.1	5.6	5.6	0.0	Bolted	2.35	1.76	Interpolated
RLW-010403	MTE	104.0	8.9	7.1	6.2	28.0	Bolted	2.35	1.76	Interpolated
RL-13001	MTE	130.0	9.6	7.3	4.3	29.0	Bolted	2.35	1.76	Interpolated
RL-13002	MTE	130.0	9.6	7.2	4.3	43.0	Bolted	2.35	1.76	Interpolated
RLW-013001	MTE	130.0	8.9	7.1	6.4	26.0	Bolted	2.35	1.76	Interpolated
RLW-013003	MTE	130.0	9.6	7	6.9	37.0	Bolted	2.35	1.76	Interpolated
RL-16001	MTE	160.0	9.6	7.2	4.3	41.0	Bolted	2.35	1.76	Interpolated
RL-16002	MTE	160.0	10.8	8.4	5.6	54.0	Bolted	2.35	1.76	Interpolated
RLW-016001	MTE	160.0	8.9	7	6.4	34.0	Bolted	2.35	1.76	Interpolated
RLW-016003	MTE	160.0	9.6	7.3	7.1	40.0	Bolted	2.35	1.76	8

**Special Seismic Certification**

**Certified Subcomponents**

**Manufacturer: TCI**

**Product Line: Enclosed Control Eaton Assemblies**

**Subcomponent: Filters**

Model	MFG	Current (A)	Width (in)	Height (in)	Depth (in)	Weight (lbs.)	Component Mounting	S <sub>DS</sub> (g)	F <sub>p</sub> /W <sub>p</sub>	UUT Status
V1K2A00	TCI	2.0	5.5	9.0	7.3	8.0	Bolted	2.35	1.76	Interpolated
V1K3A00	TCI	3.0	5.5	9.0	7.3	8.0	Bolted	2.35	1.76	Interpolated
V1K4A00	TCI	4.0	5.5	9.0	7.3	8.0	Bolted	2.35	1.76	Interpolated
V1K6A00	TCI	6.0	5.5	9.0	7.3	8.0	Bolted	2.35	1.76	Interpolated
V1K8A00	TCI	8.0	5.5	9.0	7.3	8.0	Bolted	2.35	1.76	Interpolated
V1K12A00	TCI	12.0	5.5	9.0	7.3	8.0	Bolted	2.35	1.76	Interpolated
V1K16A00	TCI	16.0	5.5	9.0	8.3	12.0	Bolted	2.35	1.76	Interpolated
V1K18A00	TCI	18.0	5.5	9.0	8.3	12.0	Bolted	2.35	1.76	Interpolated
V1K21A00	TCI	21.0	5.5	9.0	8.3	12.0	Bolted	2.35	1.76	Interpolated
V1K25A00	TCI	25.0	5.5	9.0	8.3	12.0	Bolted	2.35	1.76	Interpolated
V1K27A00	TCI	27.0	5.5	9.0	8.3	14.0	Bolted	2.35	1.76	Interpolated
V1K55A00	TCI	55.0	8.0	12.0	9.0	16.0	Bolted	2.35	1.76	Interpolated
V1K35A00	TCI	35.0	8.0	12.0	9.0	17.0	Bolted	2.35	1.76	7
V1K45A00	TCI	45.0	8.0	12.0	9.0	17.0	Bolted	2.35	1.76	Interpolated
V1K80A00	TCI	80.0	8.0	12.0	9.0	23.0	Bolted	2.35	1.76	Interpolated
V1K110A00	TCI	110.0	8.0	12.0	10.3	40.0	Bolted	2.35	1.76	8
HGP0005AWOC0000	TCI	7.6	17	19.75	9.79	40	Bolted	2.35	1.76	Interpolated
HGP0008AWOC0000	TCI	11	17	19.75	9.79	45	Bolted	2.35	1.76	Interpolated
HGP0010AWOC0000	TCI	14	17	19.75	9.79	45	Bolted	2.35	1.76	Interpolated
HGP0015AWOC0000	TCI	21	17	19.75	10.14	55	Bolted	2.35	1.76	Interpolated
HGP0020AWOC0000	TCI	27	17	19.75	10.14	60	Bolted	2.35	1.76	Interpolated
HGP0025AWOC0000	TCI	34	17	19.75	10.65	67	Bolted	2.35	1.76	Interpolated
HGP0030AWOC0000	TCI	40	17	30.75	11.38	85	Bolted	2.35	1.76	8

## UUT 1 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EHC0114A1K00000000

Product Construction Summary:

STD VFD WITH BOTTOM ATTACHED GALVANIZED SHEET STEEL DISCONNECT ENCLOSURE

Options/Component Summary:

DH1 SERIES VFD, SIZE H1D, 7.5HP, 11A, 480V W/BOTTOM MTD DISCONNECT IN TYPE 1 ENCLOSURE

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
27	6.50	10.12	22.12	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 1 was mounted to a rigid wall fixture with (4) 1/4" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

## UUT 2 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EHC0964A1K00000000

Product Construction Summary:

STD VFD WITH BOTTOM ATTACHED GALVANIZED SHEET STEEL DISCONNECT ENCLOSURE

Options/Component Summary:

DH1 SERIES VFD, SIZE H4D, 75HP, 96A, 480V W/BOTTOM MTD DISCONNECT IN TYPE 1 ENCLOSURE

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
96	9.50	12.56	39.12	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 2

UUT 2 was mounted to a rigid wall fixture with (4) 5/16 bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

### UUT 3 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EHB3D44A1JT0E20000

Product Construction Summary:

STD VFD AND COMPONENTS MOUNTED TO GALVANIZED STEEL BACK PANEL WITH PLASTIC UL TYPE 1 COVER.

Options/Component Summary:

DH1 SERIES VFD, SIZE H1S, 2HP, 3.4A, 480V W/BYPASS IN TYPE 1 ENCLOSURE

#### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
35	8.75	10.50	34.88	N/A	N/A	N/A

#### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 3

UUT 3 was mounted to a rigid wall fixture with (4) 1/4" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

## UUT 4 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EHB0964A1KT0E20000

Product Construction Summary:

NEMA 1 Enclosure, mild carbon steel back panel with cover made from composite material.

Options/Component Summary:

DH1 SERIES VFD, SIZE H4, 75HP, 96A, 480V W/BYPASS

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
168.5	14.56	14.88	59.31	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 4 was mounted to a rigid wall fixture with (4) 1/4" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

PR111727

## UUT 5 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EHB0415A3KT0E2A000

Product Construction Summary:

STD VFD AND COMPONENTS MOUNTED TO POWDER COATED STEEL BACK PANEL AND ENCLOSED BY POWDER COATED STEEL ENCLOSURE AND DOOR, UL TYPE 3R RATING

Options/Component Summary:

DH1 SERIES VFD, SIZE H3X, 40HP, 41A, 575V W/BYPASS IN TYPE 3R ENCLOSURE

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
144	12.75	16.00	50.00	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156		2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 5 was mounted to a rigid wall fixture with (4) 1/4" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

## UUT 6 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EHB0274A2JT0E20000

Product Construction Summary:

STD VFD AND COMPONENTS MOUNTED TO POWDER COATED STEEL BACK PANEL AND ENCLOSED BY POWDER COATED STEEL ENCLOSURE AND DOOR, UL TYPE 12 RATING

Options/Component Summary:

DH1 SERIES VFD, SIZE H3X, 20HP, 27A, 480V W/BYPASS IN TYPE 12 ENCLOSURE

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
96	12.75	14.50	50.00	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 6

UUT 6 was mounted to a rigid wall fixture with (4) 1/4" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

## UUT 7 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EGS0144B360DB1A032

Product Construction Summary:

STD VFD AND COMPONENTS MOUNTED TO POWDER COATED STEEL BACK PANEL AND ENCLOSED BY POWDER COATED STEEL ENCLOSURE AND DOOR, UL TYPE 3R RATING

Options/Component Summary:

DG1 SERIES VFD, SIZE AX, 10HP, 14A, 480V IN TYPE 3R ENCLOSURE

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
188	21.25	21.00	34.00	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 7

UUT 7 was mounted to a rigid wall fixture with (4) 3/8" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

PR098668

## UUT 8 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EGS1804A3B0DB1A032

Product Construction Summary:

STD VFD AND COMPONENTS MOUNTED TO POWDER COATED STEEL BACK PANEL AND ENCLOSED BY POWDER COATED STEEL ENCLOSURE AND DOOR, UL TYPE 3R RATING

Options/Component Summary:

DG1 SERIES VFD, SIZE CX, 150HP, 180A, 480V IN TYPE 3R ENCLOSURE

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
562	31.25	21.50	57.00	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 8

UUT 8 was mounted to a rigid wall fixture with (4) 3/8" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

## UUT 16 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: DG1-134046FB-C21C

Product Construction Summary:

STD VFD WITH GALVANIZED STEEL/CAST ALUMINUM CHASSIS AND PLASTIC COVER. UL TYPE 1 RATED

Options/Component Summary:

DG1 SERIES VFD, SIZE FR3, 30HP/40HP, 46A/61A (CT/VT) 480V TYPE 1 (VFD ONLY)

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
51	8.12	10.50	22.00	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 16 was mounted to a rigid wall fixture with (4) 5/16" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

## UUT 17 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: DG1-32211FN-C21C

Product Construction Summary:

STD VFD WITH GALVANIZED STEEL CHASSIS AND PLASTIC COVER. UL TYPE 1 RATED

Options/Component Summary:

DG1 SERIES VFD, SIZE FR6, 125HP, 211A 230V, TYPE 1 (VFD ONLY)

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
244	21.38	14.75	42.00	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 17 was mounted to a rigid wall fixture with (4) 5/16" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

## UUT 18 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: SVX025A1-4A1B1

Product Construction Summary:

STD VFD WITH GALVANIZED STEEL CHASSIS AND POWDER COATED STEEL COVER. UL TYPE 1 RATED

Options/Component Summary:

SVX SERIES VFD, SIZE FR6, 25HP, 480V, TYPE 1 (VFD ONLY)

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
41	7.75	9.31	22.00	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 18

UUT 18 was mounted to a rigid wall fixture with (4) 5/16" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

## UUT 19 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: SVX200A1-4A1B1

Product Construction Summary:

STD VFD WITH GALVANIZED STEEL CHASSIS AND POWDER COATED STEEL COVERS. UL TYPE 1 RATED

Options/Component Summary:

SVX SERIES VFD, SIZE FR9, 150HP, 480V, TYPE 1 (VFD W/BRAKE CHOPPER ONLY)

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
328	19.00	14.25	53.00	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	2012 ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 19

UUT 19 was mounted to a rigid wall fixture with (4) 5/16 bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

## UUT 20 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EHB0591A1KT0E20000

Product Construction Summary:

NEMA 1 Enclosure, mild carbon steel back panel with cover made from composite material.

Options/Component Summary: DH1 SERIES VFD, SIZE H3, 20HP, 59.4A, 208V W/BYPASS

### UUT Properties (As Tested)

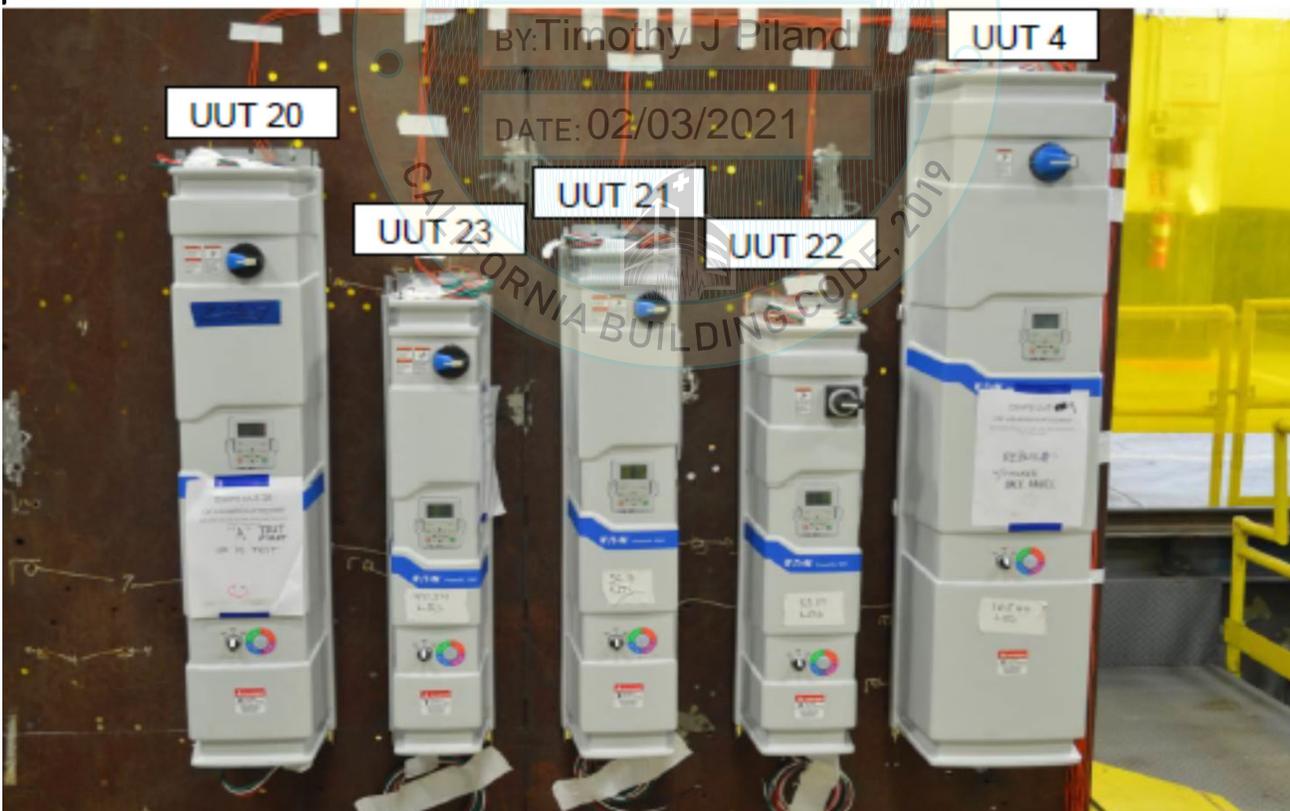
Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
97.5	11.44	11.75	50.88	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.

OSP-0619



UUT 20 was mounted to a rigid wall fixture with (4) 1/4 bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

PR111727

## UUT 21 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EHB0274A1KTOE20000

Product Construction Summary:

NEMA 1 Enclosure, mild carbon steel back panel with cover made from composite material.

Options/Component Summary:

DH1 SERIES VFD, SIZE H2, 20HP, 27A, 480V W/BYPASS

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
56.5	9.69	11.38	44.93	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 21 was mounted to a rigid wall fixture with (4) 1/4" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

PR111727

## UUT 22 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EHB0274A1JT0E20000

Product Construction Summary:

NEMA 1 Enclosure, mild carbon steel back panel with cover made from composite material.

Options/Component Summary:

DH1 SERIES VFD, SIZE H2S, 20HP, 27A, 480V W/BYPASS

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
54	9.69	12.18	38.93	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 22 was mounted to a rigid wall fixture with (4) 1/4" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

PR111727

## UUT 23 (Unit Under Test) Summary Sheet

Manufacturer: Eaton

Model Number: EHB7D64A1KT0E20000

Product Construction Summary:

NEMA 1 Enclosure, mild carbon steel back panel with cover made from composite material.

Options/Component Summary:

DH1 SERIES VFD, SIZE H1, 5HP, 7.6A, 480V W/BYPASS

### UUT Properties (As Tested)

Weight (lbs.)	Dimensions (inches)			Lowest Natural Frequency (Hz)		
	Width	Depth	Height	Front-Back	Side-Side	Vertical
40.5	8.69	9.69	40.88	N/A	N/A	N/A

### Seismic Test Parameters

Building Code	Test Criteria	C.G.-Height (in.)	Sds (g)	z/h	Ip	Aflx-H	Arig-H	Aflx-V	Arig-V
CBC 2019	ICC-ES AC156	N/A	2.35	1	1.5	3.76	2.82	1.57	0.63

UUT maintained structural integrity and functionality as observed in post test inspection and operation checks.



UUT 23 was mounted to a rigid wall fixture with (4) 1/4" bolts (Grade 5). The steel frame (carbon steel) was welded to the shake table.

PR111727