



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0505

HCAI Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Eaton Corporation

Manufacturer's Technical Representative: Don Caulfield

Mailing Address: 3301 Spring Forest Road, Raleigh, NC 27616

Telephone: (919) 871-1972

Email: DonaldCaulfield@Eaton.com

Product Information

Product Name: UPS and Batteries

Product Type: UPS

Product Model Number: Various – See Attachments

General Description: 300 – 1200 kVA UPS

Mounting Description: Rigid, Floor Mounted

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

Applicant Information

Applicant Company Name: TRU Compliance, by Structural Integrity Associates, Inc.

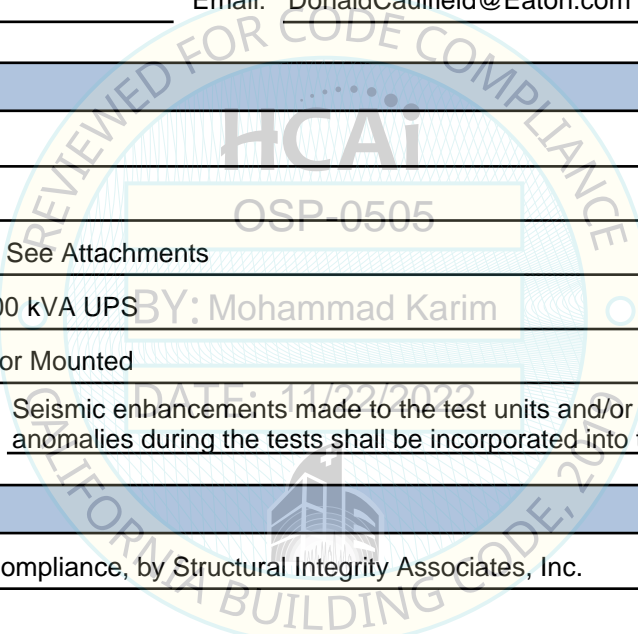
Contact Person: Galen Reid

Mailing Address: 233 SW Wilson Ave., Suite 101, Bend, OR 97702

Telephone: (541) 604-7225

Email: greid@structint.com

Title: Director, TRU Compliance





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

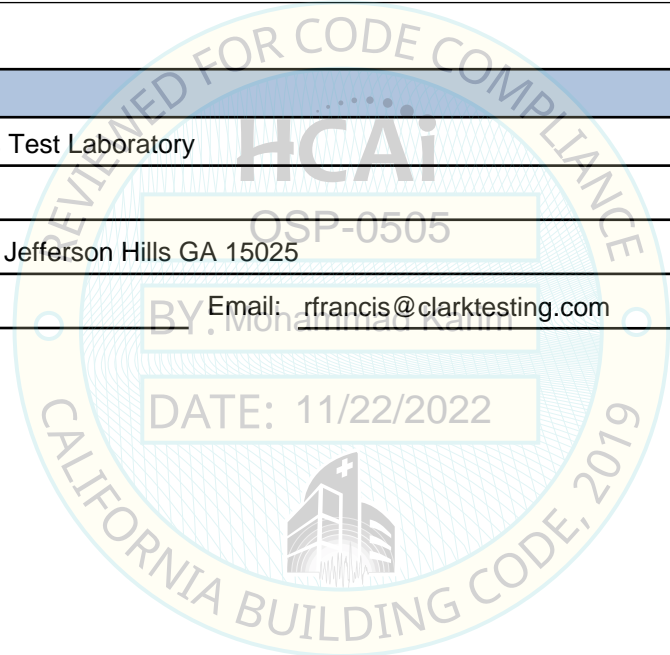
Company Name: STRUCTURAL INTEGRITY ASSOCIATES, INC.
Name: Andrew Coughlin California License Number: S6082
Mailing Address: 5215 Hellyer Ave, Suite 101, San Jose, CA 95138-1025
Telephone: (415) 635-8461 Email: acoughlin@structint.com

Certification Method

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

Testing Laboratory

Company Name: Clark Dynamics Test Laboratory
Contact Person: Robert Francis
Mailing Address: 1801 Route 51, Jefferson Hills GA 15025
Telephone: (412) 387-1001 Email: rfrancis@clarktesting.com





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Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) = 1.5 (SDS = 2.0); 1.44 (SDS = 3.2)

SDS (Design spectral response acceleration at short period, g) = 2.0 (z/h = 1.0); 3.2 (z/h = 0.0)

a_p (Amplification factor) = 2.5

R_p (Response modification factor) = 6.0

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

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

Natural frequencies (Hz) = See Attachment

Overall dimensions and weight = See Attachment

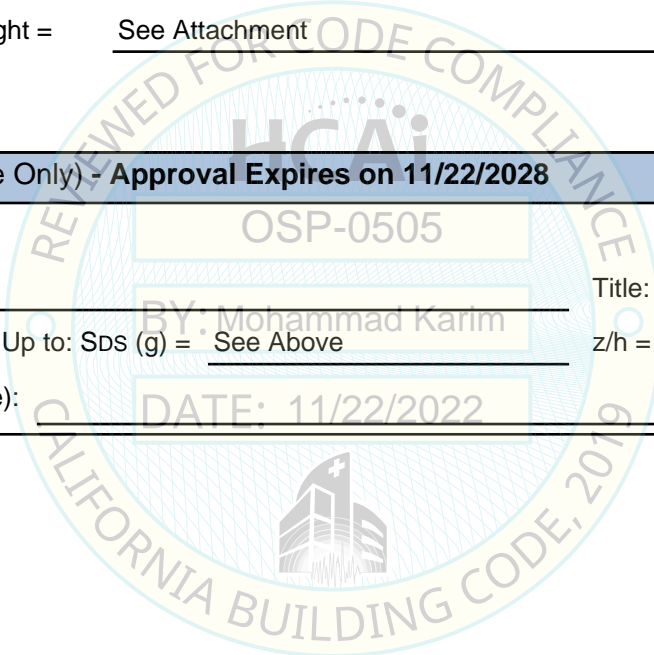
HCAI Approval (For Office Use Only) - Approval Expires on 11/22/2028

Date: 11/22/2022

Name: Mohammad Karim Title: Supervisor, Health Facilities

Special Seismic Certification Valid Up to: SDS (g) = See Above z/h = See Above

Condition of Approval (if applicable): DATE: 11/22/2022



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

2200643-CR-002-R0



Manufacturer: Eaton Corporation						TABLE 1	
Model Line: 9395 & 9395P							
Certified Product Construction Summary: Carbon steel frame and enclosure. Seismic enhancements to be included in production units include a thumb screw at the top of the door and zip ties to retain the UPM plugs.							
Certified Options Summary: FI UPM, IOM, ISBM, UPM/2XUPM/ or 3XUPM. See model line numbering for the significance of "X".							
Mounting Configuration: Base mounted - rigid Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.							
Building Code: CBC 2022						Seismic Certification Limits: $S_{DS} = 2.0 g$ $z/h = 1.0$ $S_{DS} = 3.2 g$ $z/h = 0.0$	$I_p = 1.5$
Model Line	Model	Dimensions (in)			Weight (lb)	Notes	UUT
		Depth	Width	Height			
9395	CAXXXXXXXXXXXRX	35.0	53.0	74.0	1,900		Interp.
	CRXXXXXXXXXXRX	35.0	53.0	74.0	1,990		Interp.
	CBXXXXXXXXXXRX	35.0	74.0	74.0	3,150		Interp.
	CCXXXXXXXXXXRX	35.0	74.0	74.0	3,274		Interp.
	CLXXXXXXXXXXRX	35.0	74.0	74.0	3,274		Interp.
	CDXXXXXXXXXXRX	35.0	103.0	74.0	4,354		Interp.
	CMXXXXXXXXXXRX	35.0	103.0	74.0	4,286		Interp.
	CSXXXXXXXXXXRX	35.0	120.0	74.0	4,309		Interp.
	CEXXXXXXXXXXRX	35.0	141.0	74.0	4,630		Interp.
	CNXXXXXXXXXXRX	35.0	141.0	74.0	4,505		Interp.
	CTXXXXXXXXXXRX	35.0	141.0	74.0	4,750		Interp.
	CGXXXXXXXXXXRX	35.0	170.0	74.0	5,630		Interp.
	CPXXXXXXXXXXRX	35.0	170.0	74.0	5,630		Interp.
	CHXXXXXXXXXXRX	35.0	170.0	74.0	5,750		Interp.
9395P	W3XXXXXXXX0X10RX	35.0	53.0	74.0	1,886		Extrap.
	W5XXXXXXXX0X10RX	35.0	53.0	74.0	1,866		Extrap.
	WF31136420110R2	35.0	53.0	74.0	1,984		1
	W9XXXXXXXX0X10RX	35.0	74.0	74.0	3,159		Interp.
	W7XXXXXXXX0X10RX	35.0	74.0	74.0	3,184		Interp.
	W6XXXXXXXX0X10RX	35.0	82.0	74.0	2,903		Interp.
	W4XXXXXXXX0X10RX	35.0	82.0	74.0	2,923		Interp.
	W0XXXXXXXX0X10RX	35.0	103.0	74.0	4,196		Interp.
	W8XXXXXXXX0X10RX	35.0	103.0	74.0	4,221		Interp.
WS20XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.	

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

2200643-CR-002-R0



Manufacturer: Eaton Corporation	TABLE 1
Model Line: 9395 & 9395P	

Certified Product Construction Summary:
Carbon steel frame and enclosure. Seismic enhancements to be included in production units include a thumb screw at the top of the door and zip ties to retain the UPM plugs.

Certified Options Summary:
FI UPM, IOM, ISBM, UPM/2XUPM/ or 3XUPM.
See model line numbering for the significance of "X".

Mounting Configuration:
Base mounted - rigid
Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0 g$ $z/h = 1.0$ $I_p = 1.5$
 $S_{DS} = 3.2 g$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lb)	Notes	UUT
		Depth	Width	Height			
9395P	WS22XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.
	WS25XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.
	WS27XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.
	WS30XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.
	WS31XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.
	WS40XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.
	WS45XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.
	WS50XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.
	WS54XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.
	WS55XXXXX0X10RX	35.0	120.0	74.0	4,986		Interp.
	WNXXXXXXX0X10RX	35.0	141.0	74.0	5,086		Interp.
	WEXXXXXXX0X10RX	35.0	141.0	74.0	5,111		Interp.
	WPXXXXXXX0X10RX	35.0	170.0	74.0	6,248		Interp.
	WGXXXXXXX0X10RX	35.0	170.0	74.0	6,273		Interp.
	WS10XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.
	WS11XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.
	WS12XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.
	WS13XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.
	WS60XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.
	WS61XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.
	WS67XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.
	WS75XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.
	WS82XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.
WS90XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.	

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

2200643-CR-002-R0



Manufacturer: Eaton Corporation	TABLE 1
Model Line: 9395 & 9395P	

Certified Product Construction Summary:
Carbon steel frame and enclosure. Seismic enhancements to be included in production units include a thumb screw at the top of the door and zip ties to retain the UPM plugs.

Certified Options Summary:
FI UPM, IOM, ISBM, UPM/2XUPM/ or 3XUPM.
See model line numbering for the significance of "X".

Mounting Configuration:
Base mounted - rigid
Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0g \quad z/h = 1.0$ $I_p = 1.5$
 $S_{DS} = 3.2g \quad z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lb)	Notes	UUT
		Depth	Width	Height			
9395P	WS91XXXXX0X10RX	35.0	141.0	74.0	6,273		Interp.
	WYXXXXXXX0X10RX	35.0	120.0	74.0	4,052		Interp.
	WWXXXXXXX0X10RX	35.0	141.0	74.0	5,211		Interp.
	WUXXXXXXX0X10RX	35.0	141.0	74.0	5,236		Interp.
	W1XXXXXXX0X10RX	35.0	170.0	74.0	6,273		Interp.
	WTXXXXXXX0X10RX	35.0	141.0	74.0	5,360		Interp.
	W2XXXXXXX0X10RX	35.0	141.0	74.0	5,360		Interp.
	WQXXXXXXX0X10RX	35.0	170.0	74.0	5,497		Interp.
	WXXXXXXX0X10RX	35.0	170.0	74.0	6,497		Interp.
	WHXXXXXXX0X10RX	35.0	170.0	74.0	6,522		Interp.
	WVXXXXXXX0X10RX	35.0	170.0	74.0	6,522		Interp.
	WV13106460110R2	35.0	170.0	74.0	6,850		2

SPECIAL SEISMIC CERTIFICATION PRODUCT NOMENCLATURE

2200643-CR-002-R0



Manufacturer: Eaton Corporation		UPS Model Line Numbering	TABLE 1.1
Model Line: 9395P			
Column 1	System	W = EATON 9395P	
Column 2	ISBM/IOM Model (Max Capacity)	A = 275 / 300 ISBM, 1 UPM	
		B = 275 / 300 ISBM, 2 UPM	
		C = 550 / 600 ISBM, 2 UPM	
		D = 550 / 500 ISBM, 3 UPM	
		E = 825 / 900 ISBM, 4 UPM	
		G = 825 / 900 ISBM, 4 UPM	
		H = 1100 / 1200 ISBM, 4 UPM	
		J = 275 / 300 IOM, 1 UPM	
		K = 275 / 300 IOM, 2 UPM	
		L = 550 / 600 IOM, 2 UPM	
		M = 550 / 600 IOM, 3 UPM	
		N = 825 / 900 IOM, 3 UPM	
		P = 825 / 900 IOM, 4 UPM	
		Q = 1100 / 1200 IOM, 4 UPM	
		R = 550 / 600 ISBM, 1 UPM	
		S = 825 / 900 ISBM, 2 UPM	
		T = 1100 / 1200 ISBM, 3 UPM	
		U = 900/900 ISBM, 3 UPM	
		V = 1200/1200 ISBM, 4 UPM	
		W = 900/900 IOM, 3 UPM	
		X = 1200/1200 IOM, 4 UPM	
		Y = 900/900 ISBM, 2 UPM	
		1 = 900/900 ISBM, 4 UPM	
		2 = 1200/1200 ISBM, 3 UPM	
		3 = 300/300 ISBM, 1 UPM	
		4 = 300/300 ISBM, 2 UPM	
5 = 300/300 IOM, 1 UPM			
6 = 300/300 IOM, 2 UPM			
7 = 600/600 ISBM, 2 UPM			
8 = 600/600 ISBM, 3 UPM			
9 = 600/600 IOM, 2 UPM			
0 = 600/600 IOM, 3 UPM			
F = 600/600 ISBM, 1 UPM			
Column 3 & 4	kVA Rating	20 = 200 kVA	
		22 = 225 kVA	
		25 = 250 kVA	
		27 = 275 kVA	
		30 = 300 kVA	

SPECIAL SEISMIC CERTIFICATION PRODUCT NOMENCLATURE

2200643-CR-002-R0



Manufacturer: Eaton Corporation Model Line: 9395P		UPS Model Line Numbering	TABLE 1.1
Column 3 & 4 (continued)	kVA Rating	31 = 300 kVA	
		40 = 400 kVA	
		45 = 450 kVA	
		50 = 500 kVA	
		54 = 500 kVA	
		55 = 550 kVA	
		60 = 600 kVA	
		61 = 600 kVA	
		67 = 675 kVA	
		75 = 750 kVA	
		82 = 825 kVA	
		90 = 900 kVA	
		91 = 900 kVA	
		10 = 1000 kVA	
11 = 1100 kVA			
12 = 1200 kVA			
13 = 1300 kVA			
Column 5	Input/Output Voltage, Frequency	1 = 480 / 480 V, 60 Hz	
		2 = 480 / 480 V, 50 Hz	
		3 = 400 / 400 V, 50 Hz	
		4 = 400 / 400 V, 60 Hz	
		7 = 380 / 380 V, 50 Hz	
		8 = 415 / 415 V, 50 Hz	
Column 6	Applications	0 = None	
		1 = Frequency Converter	
		2 = Reserved	
		3 = DB (Dist. Byp.) (ISBM Only)	
		4 = SBM (Sys. Byp. Mod.) (IOM Only)	
Column 7	Battery Setup/ Rectified Feeds	3 = 480 V Separate Battery Common Rectifier Feeds	
		6 = 480 V Common Battery Common Rectifier Feeds	
Column 8	Breaker/Load Sync Options	0 = No Input Breaker	
		1 = Input Bkr, 65 kAIC	
		2 = No Input Bkr, Load Sync Control	
		3 = Input Bkr, 65 kAIC, Load Sync Control	
		4 = Input Bkr, 100 kAIC	
		5 = Input Bkr, 100 kAIC, Load Sync Control	
Column 9	Configurable Options	0 = Standard	
		1 = IR (Inherent Redundant)	
		2 = Standard, ESS	

SPECIAL SEISMIC CERTIFICATION PRODUCT NOMENCLATURE



2200643-CR-002-R0

Manufacturer: Eaton Corporation		UPS Model Line Numbering	TABLE 1.1
Model Line: 9395P			
Column 9 (continued)	Configurable Options	3 = IR, ESS	
		5 = IR, VMMS	
		6 = IR, ESS, VMMS	
		7 = ESS, HRS	
		8 = IR, ESS, HRS	
		9 = IR, ESS, VMMS, HRS	
Column 10	Customer Specified Applications	0 = None	
Column 11	Single Feed	0 = None	
		1 = Single Feed	
		2 = HRG Source	
		3 = HRG w/Single Feed	
Column 12	User interface	1 = 10" Color Touch Screen	
Column 13	Series	0 = 9395P (standard)	
Column 14	Factory Location	R = RPO (Raleigh)	
Column 15	Model Generation	B = BETA	
		1 thru 9 = Generation Code	
		DATE: 11/22/2022	

SPECIAL SEISMIC CERTIFICATION PRODUCT NOMENCLATURE

2200643-CR-002-R0



Manufacturer: Eaton Corporation		UPS Model Line Numbering	TABLE 1.2
Model Line: 9395			
Column 1	System	C = 9395	
Column 2	Base Model	A = 275 Capacity w/CSTS	
		B = 275 Redundant w/CSTS	
		C = 550 Capacity w/CSTS	
		D = 550 Redundant w/CSTS	
		E = 825 Capacity w/CSTS	
		G = 825 Redundant w/CSTS	
		H = 1100 Capacity w/CSTS	
		L = 550 Capacity no STS	
		M = 550 Redundant no STS	
		N = 825 Capacity no STS	
		P = 825 Redundant no STS	
		Q = 1100 Capacity no STS	
		R = 550 Undercapacity w/CSTS	
		S = 825 Undercapacity w/CSTS	
		T = 1100 Undercapacity w/CSTS	
		2 = 200 Capacity w/CSTS	
		Columns 3 & 4	UPS kVA Rating
20 = 200 kVA			
22 = 220 kVA			
25 = 250 kVA			
27 = 275 kVA			
30 = 300 kVA			
40 = 400 kVA			
45 = 450 kVA			
50 = 500 kVA			
55 = 550 kVA			
60 = 600 kVA			
65 = 650 kVA			
Column 5	Voltage Configuration	67 = 675 kVA	
		75 = 750 kVA	
		82 = 825 kVA	
		90 = 900 kVA	
		10 = 1000 kVA	
		11 = 1100 kVA	
		1 = 480 / 480 V, 60 Hz	
		2 = 480 / 480 V, 50 Hz	
3 = 400 / 400 V, 50 Hz			
4 = 400 / 400 V, 60 Hz			

SPECIAL SEISMIC CERTIFICATION PRODUCT NOMENCLATURE

2200643-CR-002-R0



Manufacturer: Eaton Corporation		UPS Model Line Numbering	TABLE 1.2
Model Line: 9395			
Column 6	Applications	0 = None 1 = Frequency Converter 2 = Power Conditioner 3 = Distributed Bypass 4 = System Bypass Module	
Column 7	Battery Setup/ Rectified Feeds	3 = 480 V Separate Battery, Common Rectifier Feeds 6 = 480 V Common Battery, Common Rectifier Feeds	
Column 8	Breaker/Load Sync Options	0 = No Input Breaker 1 = Input Bkr, 65 kAIC 2 = No Input Bkr, Load Sync Control 3 = Input Bkr, 65 kAIC, Load Sync Control 4 = Input Bkr, 100 kAIC 5 = Input Bkr, 100 kAIC, Load Sync Control	
Column 9	Options	0 = Standard 1 = IR (Inherent Redundant) 2 = Standard, ESS 3 = IR, ESS 5 = IR, VMMS 6 = IR, ESS, VMMS	
Column 10	Customer Specified Applications	0 = None 1 = FAA	
Column 11	Feed Options	0 = None 1 = Single Feed 2 = Neutral Forming Kit 3 = Single Feed and Neutral Forming Kit	
Column 12 & 13	Unused	00 = None	
Column 14 & 15	Location/Model Generation	R1 = Standard R2 = Distributed Bypass Code R3 = ESS Capable R4 = Load Sharing Enhancement	

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2200643-CR-002-R0



Manufacturer: Eaton Corporation	Table Description: Enclosures	TABLE 2
Model Line: 9395 & 9395P		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0g$ $z/h = 1.0$	$I_p = 1.5$	
		$S_{DS} = 3.2g$ $z/h = 0.0$		

Component Type	Manufacturer	Model	Description	Notes	UUT
Enclosures / Modules	Eaton	P-103001330	FI-UPM; 480V; 1037 lbs		2
		103006663	FI-UPM; 400V; 1380 lbs		Interp.
		103005906	FI-UPM; 480V; 1380 lbs		Interp.
		103006250	UPM; 275 kVA; 480V; 909 lbs		Interp.
		103006652	UPM; 275kVA; 400V; 909 lbs		Interp.
		P-103001350	UPM; 275kW; 480V; 1180 lbs		2
		P-103002027	UPM; 300kW; 480V (RPO); 1184 lbs		1
		P-103001680	300 UPM w/ISBM; 1886 lbs		1
		P-103002254	300 UPM w/IOM; 1886 lbs		Interp.
		P-103002180	600 UPM w/ISBM; 3184 lbs		Interp.
		P-103002257	600 UPM w/IOM; 3159 lbs		Interp.
		P-103001409	2XUPM; 480V; 2368 lbs		Interp.
		P-103001326	3XUPM; 480V; 3552 lbs		2
		P-103001325	825/900 ISBM; 1684 lbs		Interp.
		P-103001341	1100 IOM; 1908 lbs		Interp.
		P-103001332	1100/1200 ISBM; 1933 lbs		2

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

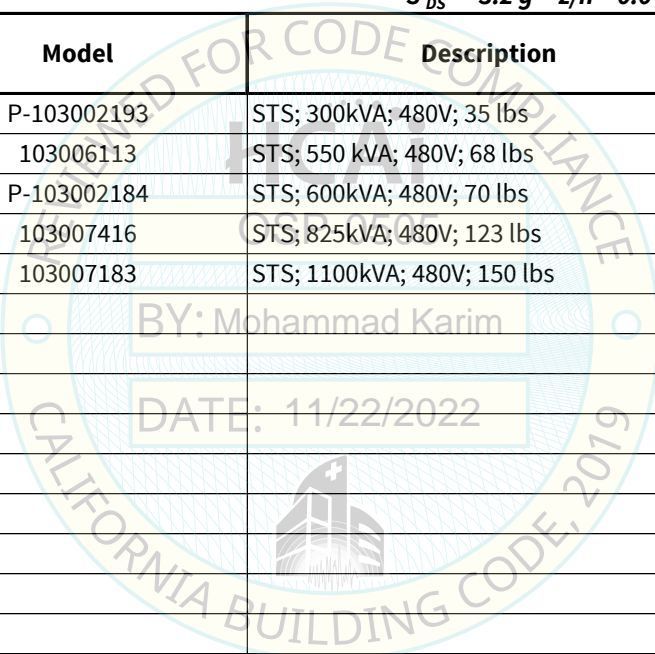
2200643-CR-002-R0



Manufacturer: Eaton Corporation	Table Description: Static Switches	TABLE 3
Model Line: 9395 & 9395P		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0 g$ $z/h = 1.0$	$I_p = 1.5$
		$S_{DS} = 3.2 g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
Static Switches	Eaton	P-103002193	STS; 300kVA; 480V; 35 lbs		Interp.
		103006113	STS; 550 kVA; 480V; 68 lbs		Interp.
		P-103002184	STS; 600kVA; 480V; 70 lbs		1
		103007416	STS; 825kVA; 480V; 123 lbs		Interp.
		103007183	STS; 1100kVA; 480V; 150 lbs		2



SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2200643-CR-002-R0



Manufacturer: Eaton Corporation	Table Description: Breakers	TABLE 4
Model Line: 9395 & 9395P		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0g$ $z/h = 1.0$	$I_p = 1.5$
		$S_{DS} = 3.2g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
Breaker	Eaton	CLDB3600FT33WP05	L-Frame; 35 kA; 9 lbs		Extrap.
		LD3600WKA06	L-Frame; 35 kA; 9 lbs		Extrap.
		LGH360033W	LG-Frame; 65 kA; 16 lbs		1
		LGC360033W	LG-Frame; 100 kA; 16 lbs		Interp.
		CNDC312T33WP08	N-Frame; 100 kA; 21 lbs		Interp.
		NGC312T33WP08	NG-Frame; 100 kA; 45 lbs		Interp.
		NGC312033M	NG-Frame; 100 kA; 45 lbs		Interp.
		NGH312T33WA13P08S10	NG-Frame; 65 kA; 45 lbs		Interp.
		NGH312T33WA06P08	NG-Frame; 65 kA; 45 lbs		Interp.
		RGH320033MC	RG-Frame; 65 kA; 102 lbs		Interp.
		RGC320T33WP16	RG-Frame; 100 kA; 102 lbs		Interp.
		RGC320033MC	RG-Frame; 100 kA; 102 lbs		2

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2200643-CR-002-R0



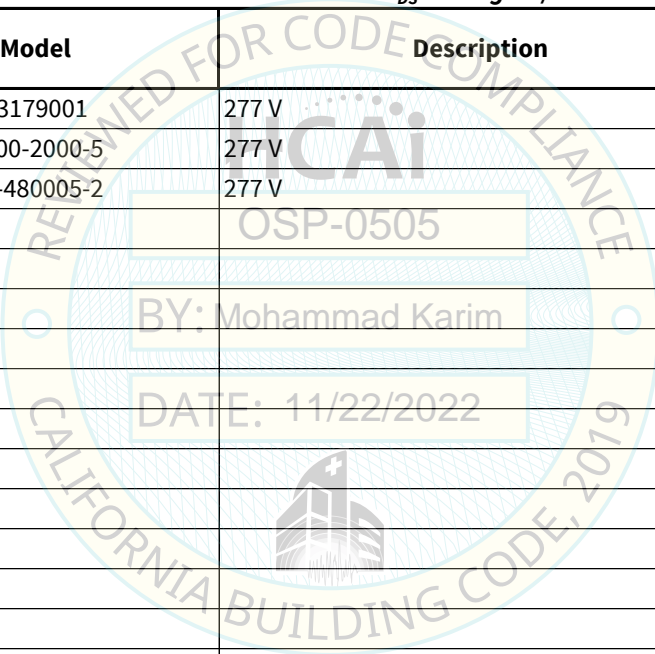
Manufacturer: Eaton Corporation Model Line: 9395 & 9395P		Table Description: Contactors			TABLE 5	
Building Code: CBC 2022		Seismic Certification Limits:			$S_{DS} = 2.0g \quad z/h = 1.0$ $S_{DS} = 3.2g \quad z/h = 0.0$	
Component Type	Manufacturer	Model	Description	Notes	UUT	
Contactor	Culter-Hammer	XTCE225L22TD	386 A; 1000 VAC; 3 Pole. N.O.; 7 lbs		1	
		XTCE250L22TD	429 A; 1000 VAC; 3 Pole. N.O.; 14 lbs		1, 2	
		XTCE300M22TD	515 A; 1000 VAC; 3 Pole; 18 lbs		Interp.	
		XTCE400L22TD	612 A; 1000 VAC; 3 Pole. N.O.; 18 lbs		1	
		XTCE400M22TD	685 A; 1000 VAC; 3 Pole; 18 lbs		Interp.	
		XTCE500L22TD	857 A; 1000 VAC; 3 Pole. N.O.; 18 lbs		2	
		XTCEC14P22B	1700 A; 400VAC; 3 Pole; coil 230 VDC; 33 lbs		Interp.	
		XTCE580N22SWDE	980 A; 1000VAC; 3 Pole; 33 lbs		Interp.	
		XTCEC10N22Y	1225A; 1000 VAC; 3 Pole; 33 lbs		Interp.	
	XTCEC20R22B	2450 A; 1000VAC; 3 Pole; 70 lbs		2		
	Moeller	DILM225/22(RDC48)	386 A; 1000 VAC; 3 Pole. N.O.; 7 lbs	<i>Identical to XTCE225L22TD (branding)</i>	Interp.	
		DILM250/22(RDC48)	429 A; 1000 VAC; 3 Pole. N.O.; 14 lbs	<i>Identical to XTCE250L22TD (branding)</i>	Interp.	
		DILM400/22(RDC48)	612 A; 1000 VAC; 3 Pole. N.O.; 18 lbs	<i>Identical to XTCE400L22TD (branding)</i>	Interp.	
		DILM500/22(RDC48)	857 A; 1000 VAC; 3 Pole. N.O.; 18 lbs	<i>Identical to XTCE500L22TD (branding)</i>	Interp.	
		DILH1400/22(RAW250)	1700 A, 400VAC; 3 Pole, coil 230 VDC; 33 lbs	<i>Identical to XTCEC14P22B (branding)</i>	Interp.	
DILM580/22(RAL110)-SOND721		980A; 1000VAC; 3 Pole; 33 lbs	<i>Identical to XTCE580N22SWDE (branding)</i>	Interp.		
DILH2000/22(RAW250)	2450A; 1000VAC; 3 Pole; 70 lbs	<i>Identical to XTCEC20R22B (branding)</i>	Interp.			

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2200643-CR-002-R0



Manufacturer: Eaton Corporation		Table Description: Transformers			TABLE 6	
Model Line: 9395 & 9395P						
Building Code: CBC 2022		Seismic Certification Limits:			$I_p = 1.5$	
		$S_{DS} = 2.0 g \quad z/h = 1.0$				
		$S_{DS} = 3.2 g \quad z/h = 0.0$				
Component Type	Manufacturer	Model	Description	Notes	UUT	
Transformers	Basler	33179001	277 V		1, 2	
	Micron	C300-2000-5	277 V		1, 2	
	ACME	EX-480005-2	277 V		2	



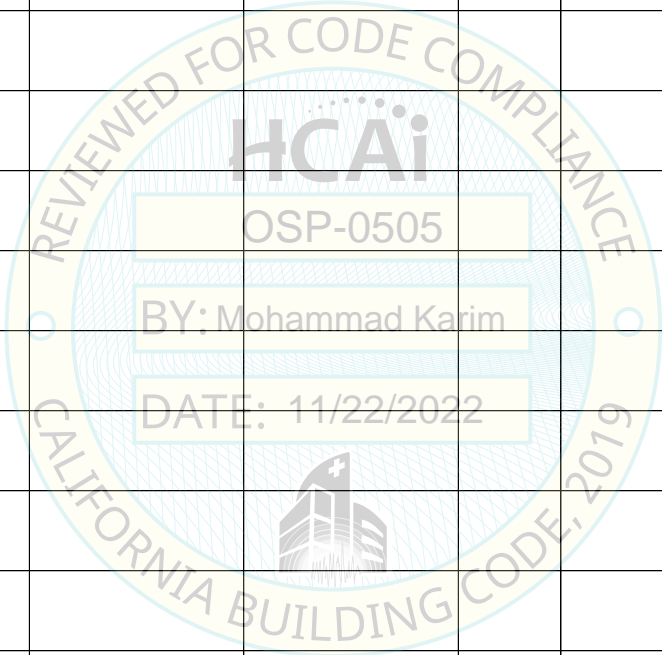
UNIT UNDER TEST (UUT) SUMMARY SHEET



2200643-CR-002-R0

Manufacturer: Eaton Corporation
Model Line: 9395 & 9395P

UUT	Unit Description	Report Number	Testing Lab	Year Tested	ISO 17025 Accredited?	S _{DS}	z/h	I _p
1	WF31136420110R2 (600 kW UPS)	JID 16-00773 Rev.1	Clark Testing	2016	Yes	2.0 3.2	1.0 0.0	1.5
2	WV13106460110R2 (1200 kW UPS)	JID 16-00773 Rev.1	Clark Testing	2016	Yes	2.0 3.2	1.0 0.0	1.5
Notes:								



UNIT UNDER TEST (UUT) SUMMARY SHEET

2200643-CR-002-R0



Manufacturer: Eaton Corporation	UUT 1
Model Line: 9395 & 9395P	
Model Number: WF31136420110R2 (600 kW UPS) Serial Number: 600 Seismic	

Product Construction Summary:
Powdercoated carbon steel framing.

Options/Subcomponent Summary:
Enclosures/Modules: Eaton (P-103002027, P-103001680); **Static Switch:** Eaton (P-103002184);
Breaker: Eaton (LGH360033W); **Contactors:** Cutler-Hammer (XTCE225L22TD, XTCE250L22TD, XTCE400L22TD);
Transformers: Basler (33179001) Micron (C300-2000-5)

UUT Properties

Weight (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
1,984	35.0	53.0	74.0	7.77	17.49	N/A

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	2.13	0.85
		3.2	0.0					

Test Mounting Details: (Test Report: JID 16-00773 Rev.1)



UUT1 was base mounted - rigid onto aluminum plate using six (6) 1/2"-13 Grade 5 hex head bolts, washers, and lock washers torqued to 55 ft-lbs.
 Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test.
 Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET

2200643-CR-002-R0



Manufacturer: Eaton Corporation	UUT 2
Model Line: 9395 & 9395P	
Model Number: WV13106460110R2 (1200 kW UPS) Serial Number: ZX2873JJ03	

Product Construction Summary:
Powdercoated carbon steel framing.

Options/Subcomponent Summary:
Enclosures/Modules: Eaton (P-103001330, P-103001350, P-103001326, P-103001332); **Static Switch:** Eaton (103007183);
Breaker: Eaton (RGC320033MC); **Contactors:** Cutler-Hammer (XTCE250L22TD, XTCE500L22TD, XTCEC20R22B);
Transformers: Basler (33179001) Micron (C300-2000-5) ACME (EX-480005-2)

UUT Properties

Weight (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
6,850	35.0	170.0	74.0	9.13	13.39	N/A

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	2.13	0.85
		3.2	0.0					

Test Mounting Details: (Test Report: JID 16-00773 Rev.1)



UUT2 was base mounted - rigid onto a I-beam fixture using twenty-two (22) 9/16"-13 Grade 5 hex head bolts, washers, and lock washers torqued to 75 ft-lbs.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test.
Contents were included in testing per operating conditions.