



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
FACILITIES DEVELOPMENT DIVISION**

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

OFFICE USE ONLY

APPLICATION #: OSP-0095

HCAI Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Schneider Electric

Manufacturer's Technical Representative: Ruslan Drofyak

Mailing Address: 12345 SW Leveton Drive, Tualatin, OR 97062

Telephone: (503) 566-4063 Email: Russ.Drofyak@se.com

Product Information

Product Name: Power Isolation and Correction Systems

Product Type: Power Isolation and Correction Systems

Product Model Number: PowerLogic AccuSine+ Power Correction Systems

General Description: The PowerLogic AccuSine+ Power Correction System (PCS) is an Active Harmonic Filter (AHF) which actively injects opposite harmonics current on the source side of the load.

Mounting Description: Rigid, Wall mounted and wall/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: Dynamic Certification Laboratories

Contact Person: Kelly Laplace

Mailing Address: 1315 Greg Parkway #109, Sparks, NV 89431

Telephone: (775) 358-5085 Email: kelly@shaketest.com

Title: Business Manager





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

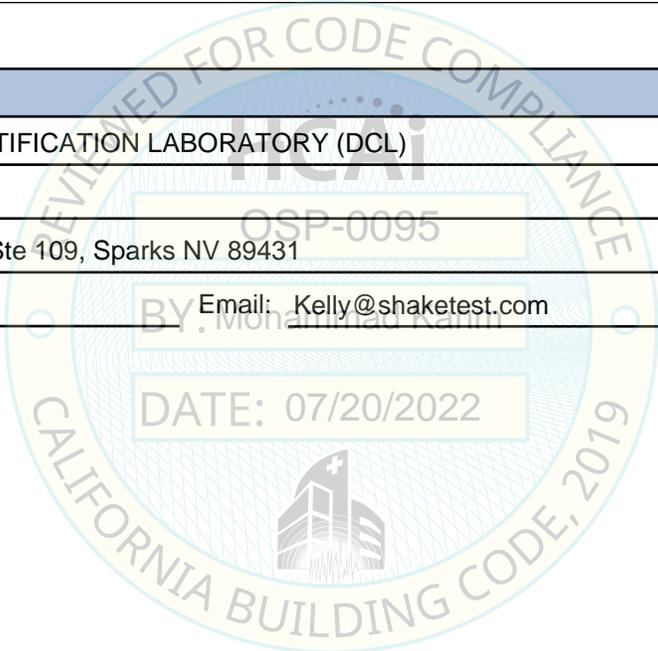
Company Name: THE VMC GROUP
Name: Kenneth Tarlow California License Number: S2851
Mailing Address: 980 9th Street, 16th Floor, Sacramento, CA 95814
Telephone: (832) 627-2214 Email: ken.tarlow@thevmcgroup.com

Certification Method

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

Testing Laboratory

Company Name: DYNAMIC CERTIFICATION LABORATORY (DCL)
Contact Person: Kelly Laplace
Mailing Address: 1315 Greg St., Ste 109, Sparks NV 89431
Telephone: (775) 358-5085 Email: Kelly@shaketest.com





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Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) = 1.85

SDS (Design spectral response acceleration at short period, g) = 2.47

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 07/20/2028

Date: 7/20/2022

Name: Mohammad Karim Title: Supervisor, Health Facilities

Special Seismic Certification Valid Up to: SDS (g) = 2.47 z/h = See Above

Condition of Approval (if applicable): DATE: 07/20/2022





Certified Product Listing
PowerLogic AccuSine+ Power Correction System



DCL Project: 31242-2201
Manufacturer: Schneider Electric Inc.
Product Category: Power Correction System
Product Line Models: PowerLogic AccuSine+
Product Options: PowerLogic AccuSine+ Power Correction Systems in NEMA Type 1 Enclosures with Ampacity ratings from 60A to 300A and Voltage rating from 208A to 480A. Components consist of circuit breakers, transformers, contactors, and filters (see Certified Major Sub-Components table).
Product Mounting: Rigid Wall Mount

Table 1: PowerLogic AccuSine Power Correction System										
Commercial Reference	NEMA Enclosure Type	Voltage Rating (V)	Ampacity Rating (A)	Width (in.)	Depth (in.)	Height (in.)	Weight (lbs)	Test Status		
PCSP060D5N1	1	60	60	17.0	15.0	60.5	233	UUT-01		
EVCP060D5N1	1			17.0	15.0	60.5	233	Interpolated		
PCSP060D5IP20	1			17.0	15.0	60.5	233	Interpolated		
EVCP060D5IP20	1			17.0	15.0	60.5	233	Interpolated		
PCSP060D2N1	1			17.0	15.0	60.5	233	Interpolated		
EVCP060D2N1	1			17.0	15.0	60.5	233	Interpolated		
PCSP060D2IP20	1			17.0	15.0	60.5	233	Interpolated		
EVCP060D2IP20	1			17.0	15.0	60.5	233	Interpolated		
PCSP120D5N1	1			120	120	17.0	15.5	64.5	255	Interpolated
EVCP120D5N1	1					17.0	15.5	64.5	255	Interpolated
PCSP120D5IP20	1					17.0	15.5	64.5	255	Interpolated
EVCP120D5IP20	1					17.0	15.5	64.5	255	Interpolated
PCSP120D2N1	1	17.0	15.5			64.5	255	Interpolated		
EVCP120D2N1	1	17.0	15.5			64.5	255	Interpolated		
PCSP120D2IP20	1	208-480	200	17.0	15.5	64.5	255	Interpolated		
EVCP120D2IP20	1			17.0	15.5	64.5	255	Interpolated		
PCSP200D5N1	1			23.0	17.5	63.0	382	Interpolated		
EVCP200D5N1	1			23.0	17.5	63.0	382	Interpolated		
PCSP200D5IP20	1			23.0	17.5	63.0	382	Interpolated		
EVCP200D5IP20	1			23.0	17.5	63.0	382	Interpolated		
PCSP200D2N1	1	300	300	23.0	17.5	63.0	382	Interpolated		
EVCP200D2N1	1			23.0	17.5	63.0	382	Interpolated		
PCSP200D2IP20	1			23.0	17.5	63.0	382	Interpolated		
EVCP200D2IP20	1			23.0	17.5	63.0	382	Interpolated		
EVCP300D5N1	1			23.0	18.0	72.5	556	Interpolated		
PCSP300D5IP20	1			23.0	18.0	72.5	556	Interpolated		
EVCP300D5IP20	1	300	300	23.0	18.0	72.5	556	Interpolated		
PCSP300D2N1	1			23.0	18.0	72.5	556	Interpolated		
EVCP300D2N1	1			23.0	18.0	72.5	556	Interpolated		
PCSP300D2IP20	1			23.0	18.0	72.5	556	Interpolated		
EVCP300D2IP20	1	300	300	23.0	18.0	72.5	556	Interpolated		
PCSP300D5N1	1			23.0	18.0	72.5	504	UUT-02		



Certified Product Listing
PowerLogic AccuSine+ Power Correction System



DCL Project: 31242-2201
Manufacturer: Schneider Electric Inc.
Product Category: Power Correction System
Product Line Models: PowerLogic AccuSine+
Product Options: PowerLogic AccuSine+ Power Correction Systems in NEMA Type 1, 2 and 12 Enclosures with Ampacity ratings from 40A to 300A and Voltage from 208V to 690V. Components consist of circuit breakers, transformers, contactors, and filters (see Certified Major Sub-Components table).
Product Mounting: Rigid Floor Mount with Wall Restraint

Table 2: PowerLogic AccuSine Power Correction System												
Commercial Reference	NEMA Enclosure Type	Voltage Rating (V)	Ampacity Rating (A)	Width (in.)	Depth (in.)	Height (in.)	Weight (lbs)	Test Status				
PCSP060D5N2	2,12	60		31.5	20.0	82.5	616	Extrapolated				
EVCP060D5N2	2,12			31.5	20.0	82.5	616	Extrapolated				
PCSP060D5IP31	2,12			31.5	20.0	82.5	616	Extrapolated				
EVCP060D5IP31	2,12			31.5	20.0	82.5	616	Extrapolated				
PCSP060D5N12	2,12			31.5	20.0	82.5	616	Extrapolated				
EVCP060D5N12	2,12			31.5	20.0	82.5	616	Extrapolated				
PCSP060D5IP54	2,12			31.5	20.0	82.5	616	Extrapolated				
EVCP060D5IP54	2,12			31.5	20.0	82.5	616	Extrapolated				
PCSP060D2N2	2,12			208-480		31.5	22.0	82.5	616	Extrapolated		
EVCP060D2N2	2,12					31.5	22.0	82.5	616	Extrapolated		
PCSP060D2IP31	2,12					31.5	22.0	82.5	616	Extrapolated		
EVCP060D2IP31	2,12					31.5	22.0	82.5	616	Extrapolated		
PCSP060D2N12	2,12					31.5	22.0	82.5	616	Extrapolated		
EVCP060D2N12	2,12					31.5	22.0	82.5	616	Extrapolated		
PCSP060D2IP54	2,12					31.5	22.0	82.5	616	Extrapolated		
EVCP060D2IP54	2,12					31.5	22.0	82.5	616	Extrapolated		
PCSP120D5N2	2,12					120		31.5	20.0	82.5	650	Extrapolated
EVCP120D5N2	2,12							31.5	20.0	82.5	650	Extrapolated
PCSP120D5IP31	2,12	31.5	20.0					82.5	650	Extrapolated		
EVCP120D5IP31	2,12	31.5	20.0					82.5	650	Extrapolated		
PCSP120D5N12	2,12	31.5	20.0					82.5	650	Extrapolated		
EVCP120D5N12	2,12	31.5	20.0					82.5	650	Extrapolated		
PCSP120D5IP54	2,12	31.5	20.0					82.5	650	Extrapolated		
EVCP120D5IP54	2,12	31.5	20.0					82.5	650	Extrapolated		
PCSP120D2N2	2,12	31.5	22.0					82.5	650	Extrapolated		
EVCP120D2N2	2,12	31.5	22.0					82.5	650	Extrapolated		
PCSP120D2IP31	2,12	31.5	22.0	82.5	650			Extrapolated				
EVCP120D2IP31	2,12	31.5	22.0	82.5	650			Extrapolated				
PCSP120D2N12	2,12	31.5	22.0	82.5	650			Extrapolated				
EVCP120D2N12	2,12	31.5	22.0	82.5	650			Extrapolated				
PCSP120D2IP54	2,12	31.5	22.0	82.5	650			Extrapolated				
EVCP120D2IP54	2,12	31.5	22.0	82.5	650			Extrapolated				



Certified Product Listing
PowerLogic AccuSine+ Power Correction System



DCL Project: 31242-2201
Manufacturer: Schneider Electric Inc.
Product Category: Power Correction System
Product Line Models: PowerLogic AccuSine+
Product Options: PowerLogic AccuSine+ Power Correction Systems in NEMA Type 1, 2 and 12 Enclosures with Ampacity ratings from 40A to 300A and Voltage from 208V to 690V. Components consist of circuit breakers, transformers, contactors, and filters (see Certified Major Sub-Components table).
Product Mounting: Rigid Floor Mount with Wall Restraint

Table 2: PowerLogic AccuSine Power Correction System (Continued)								
Commercial Reference	NEMA Enclosure Type	Voltage Rating (V)	Ampacity Rating (A)	Width (in.)	Depth (in.)	Height (in.)	Weight (lbs)	Test Status
PCSP200D5N1	1	208-480	200	24.0	20.0	82.5	830	Extrapolated
EVCP200D5N1	1			24.0	20.0	82.5	830	Extrapolated
PCSP200D5IP10	1			24.0	20.0	82.5	830	Extrapolated
EVCP200D5IP10	1			24.0	20.0	82.5	830	Extrapolated
PCSP200D2N1	1			31.5	22.0	82.5	830	Extrapolated
EVCP200D2N1	1			31.5	22.0	82.5	830	Extrapolated
PCSP200D2IP10	1			31.5	22.0	82.5	830	Extrapolated
EVCP200D2IP10	1			31.5	22.0	82.5	830	Extrapolated
PCSP200D5N2	2			35.5	24.0	82.5	882	Extrapolated
EVCP200D5N2	2			35.5	24.0	82.5	882	Extrapolated
PCSP200D5IP31	2			35.5	24.0	82.5	882	Extrapolated
EVCP200D5IP31	2			35.5	24.0	82.5	882	Extrapolated
PCSP200D5N12	2			35.5	24.0	82.5	882	Extrapolated
EVCP200D5N12	2			35.5	24.0	82.5	882	Extrapolated
PCSP200D5IP54	2			35.5	24.0	82.5	882	Extrapolated
EVCP200D5IP54	2			35.5	24.0	82.5	882	Extrapolated
PCSP200D2N2	2			35.5	26.0	82.5	882	Extrapolated
EVCP200D2N2	2			35.5	26.0	82.5	882	Extrapolated
PCSP200D2IP31	2			35.5	26.0	82.5	882	Extrapolated
EVCP200D2IP31	2			35.5	26.0	82.5	882	Extrapolated
PCSP200D2N12	2	35.5	26.0	82.5	882	Extrapolated		
EVCP200D2N12	2	35.5	26.0	82.5	882	Extrapolated		
PCSP200D2IP54	2	35.5	26.0	82.5	882	Extrapolated		
EVCP200D2IP54	2	35.5	26.0	82.5	882	Extrapolated		
PCSP300D5N1	1	208-480	300	24.0	20.0	82.5	915	Extrapolated
EVCP300D5N1	1			24.0	20.0	82.5	915	Extrapolated
PCSP300D5IP10	1			24.0	20.0	82.5	915	Extrapolated
EVCP300D5IP10	1			24.0	20.0	82.5	915	Extrapolated
PCSP300D2N1	1			31.5	22.0	82.5	915	Extrapolated
EVCP300D2N1	1			31.5	22.0	82.5	915	Extrapolated
PCSP300D2IP10	1			31.5	22.0	82.5	915	Extrapolated
EVCP300D2IP10	1			31.5	22.0	82.5	915	Extrapolated
PCSP300D5N2	2,12			35.5	24.0	82.5	962	Extrapolated
EVCP300D5N2	2,12			35.5	24.0	82.5	962	Extrapolated
PCSP300D5IP31	2,12			35.5	24.0	82.5	962	Extrapolated
EVCP300D5IP31	2,12			35.5	24.0	82.5	962	Extrapolated
PCSP300D5N12	2,12			35.5	24.0	82.5	962	Extrapolated
EVCP300D5N12	2,12			35.5	24.0	82.5	962	Extrapolated
PCSP300D5IP54	2,12			35.5	24.0	82.5	962	Extrapolated
EVCP300D5IP54	2,12			35.5	24.0	82.5	962	Extrapolated
PCSP300D2N2	2,12			35.5	26.0	82.5	962	Extrapolated
EVCP300D2N2	2,12			35.5	26.0	82.5	962	Extrapolated
PCSP300D2IP31	2,12			35.5	26.0	82.5	962	Extrapolated
EVCP300D2IP31	2,12			35.5	26.0	82.5	962	Extrapolated
PCSP300D2N12	2,12	35.5	26.0	82.5	962	Extrapolated		
EVCP300D2N12	2,12	35.5	26.0	82.5	962	Extrapolated		
PCSP300D2IP54	2,12	35.5	26.0	82.5	962	Extrapolated		
EVCP300D2IP54	2,12	35.5	26.0	82.5	962	Extrapolated		



Certified Product Listing
PowerLogic AccuSine+ Power Correction System



DCL Project: 31242-2201
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Product Category: Power Correction System
Product Line Models: PowerLogic AccuSine+
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Product Mounting: Rigid Floor Mount with Wall Restraint

Table 2: PowerLogic AccuSine Power Correction System (Continued)										
Commercial Reference	NEMA Enclosure Type	Voltage Rating (V)	Ampacity Rating (A)	Width (in.)	Depth (in.)	Height (in.)	Weight (lbs)	Test Status		
PCSP047D6N12	12	600-690	47	51.5	20.0	82.5	940	UUT-03		
PCSP047D6N2	2,12			51.5	20.0	82.5	1015	Interpolated		
EVCP047D6N2	2,12			51.5	20.0	82.5	1015	Interpolated		
PCSP047D6IP31	2,12			51.5	20.0	82.5	1015	Interpolated		
EVCP047D6IP31	2,12			51.5	20.0	82.5	1015	Interpolated		
EVCP047D6N12	2,12			51.5	20.0	82.5	1015	Interpolated		
PCSP047D6IP54	2,12			51.5	20.0	82.5	1015	Interpolated		
EVCP047D6IP54	2,12			51.5	20.0	82.5	1015	Interpolated		
PCSP040D7N2	2,12			51.5	20.0	82.5	1080	Interpolated		
EVCP040D7N2	2,12		51.5	20.0	82.5	1080	Interpolated			
PCSP040D7IP31	2,12		51.5	20.0	82.5	1080	Interpolated			
EVCP040D7IP31	2,12		51.5	20.0	82.5	1080	Interpolated			
PCSP040D7N12	2,12		51.5	20.0	82.5	1080	Interpolated			
EVCP040D7N12	2,12		51.5	20.0	82.5	1080	Interpolated			
PCSP040D7IP54	2,12		51.5	20.0	82.5	1080	Interpolated			
EVCP040D7IP54	2,12		51.5	20.0	82.5	1080	Interpolated			
PCSP094D6N2	2,12		600-690	94	51.5	20.0	82.5	1098	Interpolated	
EVCP094D6N2	2,12				51.5	20.0	82.5	1098	Interpolated	
PCSP094D6IP31	2,12	51.5			20.0	82.5	1098	Interpolated		
EVCP094D6IP31	2,12	51.5			20.0	82.5	1098	Interpolated		
PCSP094D6N12	2,12	51.5			20.0	82.5	1098	Interpolated		
EVCP094D6N12	2,12	51.5			20.0	82.5	1098	Interpolated		
PCSP094D6IP54	2,12	51.5			20.0	82.5	1098	Interpolated		
EVCP094D6IP54	2,12	51.5			20.0	82.5	1098	Interpolated		
PCSP080D7N2	2,12	600-690			80	51.5	20.0	82.5	1175	Interpolated
EVCP080D7N2	2,12			51.5		20.0	82.5	1175	Interpolated	
PCSP080D7IP31	2,12			51.5		20.0	82.5	1175	Interpolated	
EVCP080D7IP31	2,12			51.5		20.0	82.5	1175	Interpolated	
PCSP080D7N12	2,12			51.5		20.0	82.5	1175	Interpolated	
EVCP080D7N12	2,12			51.5		20.0	82.5	1175	Interpolated	
PCSP080D7IP54	2,12			51.5		20.0	82.5	1175	Interpolated	
EVCP080D7IP54	2,12			51.5		20.0	82.5	1175	Interpolated	
PCSP157D6N2	2,12			600-690		157	55.0	24.0	82.5	1440
EVCP157D6N2	2,12				55.0		24.0	82.5	1440	Interpolated
PCSP157D6IP31	2,12		55.0		24.0		82.5	1440	Interpolated	
EVCP157D6IP31	2,12		55.0		24.0		82.5	1440	Interpolated	
PCSP157D6N12	2,12		55.0		24.0		82.5	1440	Interpolated	
EVCP157D6N12	2,12		55.0		24.0		82.5	1440	Interpolated	
PCSP157D6IP54	2,12		55.0		24.0		82.5	1440	Interpolated	
EVCP157D6IP54	2,12		55.0		24.0		82.5	1440	Interpolated	
PCSP133D7N2	2,12		600-690		133		55.0	24.0	82.5	1561
EVCP133D7N2	2,12					55.0	24.0	82.5	1561	Interpolated
PCSP133D7IP31	2,12	55.0				24.0	82.5	1561	Interpolated	
EVCP133D7IP31	2,12	55.0				24.0	82.5	1561	Interpolated	
PCSP133D7N12	2,12	55.0				24.0	82.5	1561	Interpolated	
EVCP133D7N12	2,12	55.0				24.0	82.5	1561	Interpolated	
PCSP133D7IP54	2,12	55.0				24.0	82.5	1561	Interpolated	
EVCP133D7IP54	2,12	55.0				24.0	82.5	1561	Interpolated	

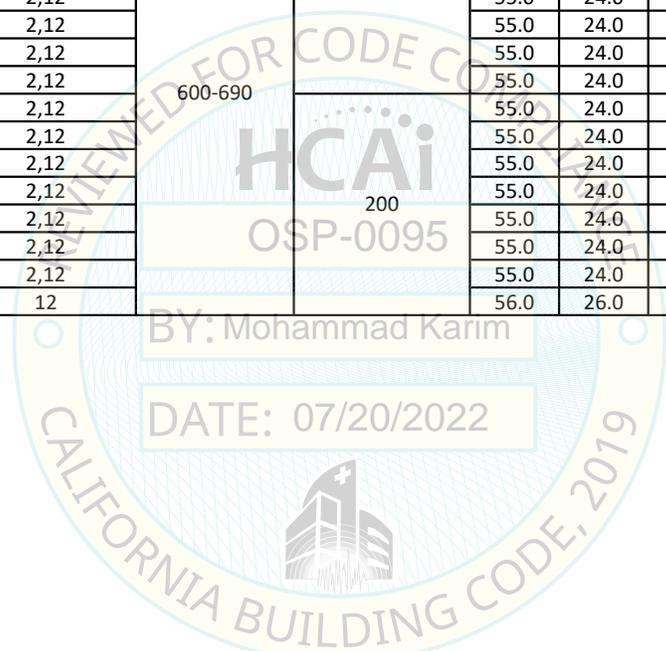


Certified Product Listing
PowerLogic AccuSine+ Power Correction System



DCL Project: 31242-2201
Manufacturer: Schneider Electric Inc.
Product Category: Power Correction System
Product Line Models: PowerLogic AccuSine+
Product Options: PowerLogic AccuSine+ Power Correction Systems in NEMA Type 1, 2 and 12 Enclosures with Ampacity ratings from 40A to 300A and Voltage from 208V to 690V. Components consist of circuit breakers, transformers, contactors, and filters (see Certified Major Sub-Components table).
Product Mounting: Rigid Floor Mount with Wall Restraint

Table 2: PowerLogic AccuSine Power Correction System (Continued)									
Commercial Reference	NEMA Enclosure Type	Voltage Rating (V)	Ampacity Rating (A)	Width (in.)	Depth (in.)	Height (in.)	Weight (lbs)	Test Status	
PCSP235D6N2	2,12	600-690	235	55.0	24.0	82.5	1670	Interpolated	
EVCP235D6N2	2,12			55.0	24.0	82.5	1670	Interpolated	
PCSP235D6IP31	2,12			55.0	24.0	82.5	1670	Interpolated	
EVCP235D6IP31	2,12			55.0	24.0	82.5	1670	Interpolated	
PCSP235D6N12	2,12			55.0	24.0	82.5	1670	Interpolated	
EVCP235D6N12	2,12			55.0	24.0	82.5	1670	Interpolated	
PCSP235D6IP54	2,12		200	200	55.0	24.0	82.5	1670	Interpolated
EVCP235D6IP54	2,12				55.0	24.0	82.5	1670	Interpolated
PCSP200D7N2	2,12				55.0	24.0	82.5	1821	Interpolated
EVCP200D7N2	2,12				55.0	24.0	82.5	1821	Interpolated
PCSP200D7IP31	2,12				55.0	24.0	82.5	1821	Interpolated
EVCP200D7IP31	2,12				55.0	24.0	82.5	1821	Interpolated
EVCP200D7N12	2,12	12	200	55.0	24.0	82.5	1821	Interpolated	
PCSP200D7IP54	2,12			55.0	24.0	82.5	1821	Interpolated	
EVCP200D7IP54	2,12			55.0	24.0	82.5	1821	Interpolated	
PCSP200D7N12	12			56.0	26.0	82.5	1810	UUT-04	



PowerLogic AccuSine PCS+ and PowerLogic AccuSine PFV+

MODEL NUMBER NOMENCLATURE:

Example

PCSP	xxx	D5	YY
I	II	III	IV

I. Basic Model Series

xxxx = any 4 letters representing the brand designator
 PCPS = PCSP is a harmonic reduction device with available Power factor correction capability
 EVCP = Power factor correction device only, Harmonic reduction is disabled in FW.
 Difference is with software only.

II. Maximum Current Rating, A rms

Ampere Rating	Construction
40 = 40 Amps	Enclosed rated 690 V (with autotransformer)
80 = 80 Amps	Enclosed rated 690 V (with autotransformer)
133 = 133 Amps	Enclosed rated 690 V (with autotransformer)
200 = 200 Amps	Enclosed rated 690 V (with autotransformer)
47 = 47 Amps	Enclosed rated 600 V (with autotransformer)
94 = 94 Amps	Enclosed rated 600 V (with autotransformer)
157 = 157 Amps	Enclosed rated 600 V (with autotransformer)
235 = 235 Amps	Enclosed rated 600 V (with autotransformer)
60 = 60 Amps	Open/Enclosed rated 480 V
120 = 120 Amps	Open/Enclosed rated 480 V
200 = 200 Amps	Open/Enclosed rated 480 V
300 = 300 Amps	Open/Enclosed rated 480 V

III. D = delta input

2 = 240VAC max input
 5 = 480VAC max input
 6 = 600VAC max input (includes autotransformer)
 7 = 690VAC max input (includes autotransformer)

IV. Enclosure

IP00 = open type , all chassis wall mounted
 N1 or IP20 = UL Type 1, all wall mounted
 N1 or IP10 = UL Type 1, 200-300A floor standing units only
 N2 or IP31 = UL Type 2, all floor standing units
 N12 or IP54 = UL Type 12, all floor standing units

IP enclosure designation is for European and Asian Market

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Table 3: Chassis Enclosure – Rigid Wall Mount						
Part No. / Identifier	Manufacturer	Description	Height (in)	Width (in)	Depth (in)	Unit
IP00 / IP20	Schneider Electric	NEMA Type OPEN, carbon steel sheet	51.2	16.8	13.7	UUT-01
IP00 / IP20	Schneider Electric	NEMA Type OPEN, carbon steel sheet	61.4	22.9	17.2	UUT-02

Table 4: IP20 Enclosure Extensions (terminal kit) – Rigid Wall Mount						
Part No. / Identifier	Manufacturer	Description	Height (in)	Width (in)	Depth (in)	Unit
PCSPWMKIT60A	Schneider Electric	Bottom Extension	9.2	16.8	13.7	UUT-01
PCSPWMKIT120A	Schneider Electric	Bottom Extension	9.2	16.8	15.1	Interpolated
PCSPWMKIT300A	Schneider Electric	Bottom Extension	10.8	22.9	17.2	UUT-02

Table 5: Contactor – Rigid Wall Mount Enclosure						
Part No. / Identifier	Manufacturer	Rated Voltage (VAC)	Rated Current (A)	Class	Unit	
LC1D115	Schneider Electric	600	160	Class T	UUT-01	
LC1D115004	Schneider Electric	600	200	Class T	UUT-02	

Table 6: Filter – Rigid Wall Mount Enclosure						
Part No. / Identifier	Manufacturer	Rated Voltage (V)	Rated Current (A)	Temp (deg C)	Unit	
60A Filter	Schneider Electric	600	60	120	UUT-01	
120A Filter	Schneider Electric	600	120	120	Interpolated	
200A Filter	Schneider Electric	600	200	120	Interpolated	
300A Filter	Schneider Electric	600	300	120	UUT-02	

Table 7: Precharge Resistor – Rigid Wall Mount Enclosure						
Part No. / Identifier	Manufacturer	Rated Voltage (VAC)	Resistance (Ω)	Power (W)	Unit	
10 Ω , 220W	Ohmite	600	10	220	UUT-01	
5 Ω , 300W	Ohmite	600	5	300	UUT-02	

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Table 8: Inductor – Rigid Wall Mount Enclosure

Part No. / Identifier	Manufacturer	Rated Voltage (V)	Inductance (uH)	Class R (deg C)	Unit
61116	Tamura	480	200	220	UUT-01
61117	Tamura	480	100	220	Interpolated
61115	Tamura	480	60	220	Interpolated
61114	Tamura	480	40	220	UUT-02

Table 9: IGBT – Rigid Wall Mount Enclosure

Part No. / Identifier	Manufacturer	Rated Voltage (V)	Rated Current (A)	Class T (deg C)	Unit
12MBI100VX-120-85	Fuji Electric	1200	100	80	UUT-01
4MBI300VG-120R-85	Fuji Electric	1200	300	80	Interpolated
4MBI450VB-120R1-85	Fuji Electric	1200	450	80	Interpolated
4MBI650VB-120R1-85	Fuji Electric	1200	650	80	UUT-02

Table 10: DC Bus – Rigid Wall Mount Enclosure

Part No. / Identifier	Manufacturer	Rated Voltage (V)	Capacitance (uF)	Temp (deg C)	Unit
E82F451VNT272MCA5T	United/Nippon	450	2700	85	UUT-01
500CE1447	Cornell Dublier	450	10000	85	UUT-02

Table 11: Impeller – Rigid Wall Mount Enclosure

Part No. / Identifier	Manufacturer	Voltage (V)	Current (A)	Temp (deg C)	Unit
2RREut25	Rosenberg	480	0.25	75	UUT-01
2RREu25	Rosenberg	240	0.25	75	Interpolated
2RREut15	Rosenberg	480	0.5	75	Interpolated
2RREu15	Rosenberg	240	0.5	75	Interpolated
DD 80-55-2	Rosenberg	480	2	75	UUT-02



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Table 12: Power Board – Rigid Wall Mount Enclosure

Part No. / Identifier	Manufacturer	Rated Voltage (V)	Current (A)	Temp (deg C)	Unit
60-200 power board	Schneider Electric	480	2	85	UUT-01
300 power board	Schneider Electric	480	3	85	UUT-02

Table 13: MOV – Rigid Wall Mount Enclosure

Part No. / Identifier	Manufacturer	Rated Voltage (VAC)	Current Surge (kA)	Temp (deg C)	Unit
TMOV25SP385M	Littelfuse	620	20	85	UUT-01, UUT-02

Table 14: Gate Drive Board – Rigid Wall Mount Enclosure

Part No. / Identifier	Manufacturer	Voltage (V)	Current (A)	Temp (deg C)	Unit
60 gate drive board	Schneider Electric	480	0.25	75	UUT-01
120 gate drive board	Schneider Electric	480	0.25	75	Interpolated
200/300 gate drive board	Schneider Electric	480	0.25	75	UUT-02

Table 15: Chassis Enclosure – Rigid Floor Mount with Wall Restraint

Part No. / Identifier	Manufacturer	Description	Height (in)	Width (in)	Depth (in)	Unit
IP00 / IP10 / IP31 / IP54	Schneider Electric	NEMA Type 12, carbon steel sheet	82	52	20	UUT-03
IP00 / IP10 / IP31 / IP54	Schneider Electric	NEMA Type 12, carbon steel sheet	82	56	26	UUT-04

Table 16: Circuit Breakers – Rigid Floor Mount with Wall Restraint Enclosure

Part No. / Identifier	Manufacturer	Rated Voltage (V)	Rated Current (A)	Interrupting Current (kA)	Unit
HRL36150U31X	Schneider Electric	600	150	200	UUT-03
NSX100HB2	Schneider Electric	800	100	100	Interpolated
LRF36400U31X	Schneider Electric	600	400	200	Interpolated
NSX400HB2	Schneider Electric	800	400	100	UUT-04



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Table 17: Step Down Transformer – Rigid Floor Mount with Wall Restraint Enclosure

Part No. / Identifier	Manufacturer	Primary Voltage (V)	Secondary Voltage (V)	Rated Current (A)	Unit
60410	Tamura	600	470	47	UUT-03
60412	Tamura	600	470	94	Interpolated
60414	Tamura	600	470	157	Interpolated
60416	Tamura	600	470	235	Interpolated
60411	Tamura	690	460	40	Interpolated
60413	Tamura	690	460	80	Interpolated
60415	Tamura	690	460	133	Interpolated
60417	Tamura	690	460	200	UUT-04

Table 18: Contactor – Rigid Floor Mount with Wall Restraint Enclosure

Part No. / Identifier	Manufacturer	Rated Voltage (VAC)	Rated Current (A)	Class	Unit
LC1D115	Schneider Electric	600	160	Class T	UUT-03
LC1D115004	Schneider Electric	600	200	Class T	UUT-04

Table 19: Filter – Rigid Floor Mount with Wall Restraint Enclosure

Part No. / Identifier	Manufacturer	Rated Voltage (V)	Rated Current (A)	Temp (deg C)	Unit
60A Filter	Schneider Electric	600	60	120	UUT-03
120A Filter	Schneider Electric	600	120	120	Interpolated
200A Filter	Schneider Electric	600	200	120	Interpolated
300A Filter	Schneider Electric	600	300	120	UUT-04

Table 20: Precharge Resistor – Rigid Floor Mount with Wall Restraint Enclosure

Part No. / Identifier	Manufacturer	Rated Voltage (VAC)	Resistance (Ω)	Power (W)	Unit
10Ω, 220W	Ohmite	600	10	220	UUT-03
5Ω, 300W	Ohmite	600	5	300	UUT-04

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Table 21: Inductor – Rigid Floor Mount with Wall Restraint Enclosure					
Part No. / Identifier	Manufacturer	Rated Voltage (V)	Inductance (uH)	Class R (deg C)	Unit
61116	Tamura	480	200	220	UUT-03
61117	Tamura	480	100	220	Interpolated
61115	Tamura	480	60	220	Interpolated
61114	Tamura	480	40	220	UUT-04

Table 22: IGBT – Rigid Floor Mount with Wall Restraint Enclosure					
Part No. / Identifier	Manufacturer	Rated Voltage (V)	Rated Current (A)	Class T (deg C)	Unit
12MBI100VX-120-85	Fuji Electric	1200	100	80	UUT-03
4MBI300VG-120R-85	Fuji Electric	1200	300	80	Interpolated
4MBI450VB-120R1-85	Fuji Electric	1200	450	80	Interpolated
4MBI650VB-120R1-85	Fuji Electric	1200	650	80	UUT-04

Table 23: DC Bus – Rigid Floor Mount with Wall Restraint Enclosure					
Part No. / Identifier	Manufacturer	Rated Voltage (V)	Capacitance (uF)	Temp (deg C)	Unit
E82F451VNT272MCA5T	United/Nippon	450	2700	85	UUT-03
500CE1447	Cornell Dublier	450	10000	85	UUT-04

Table 24: Impeller – Rigid Floor Mount with Wall Restraint Enclosure					
Part No. / Identifier	Manufacturer	Voltage (V)	Current (A)	Temp (deg C)	Unit
2RREut25	Rosenberg	480	0.25	75	UUT-03
2RREu25	Rosenberg	240	0.25	75	Interpolated
2RREut15	Rosenberg	480	0.5	75	Interpolated
2RREu15	Rosenberg	240	0.5	75	Interpolated
DD 80-55-2	Rosenberg	480	2	75	UUT-04



PowerLogic AccuSine+ Power Correction System
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Table 25: Power Board – Rigid Floor Mount with Wall Restraint Enclosure

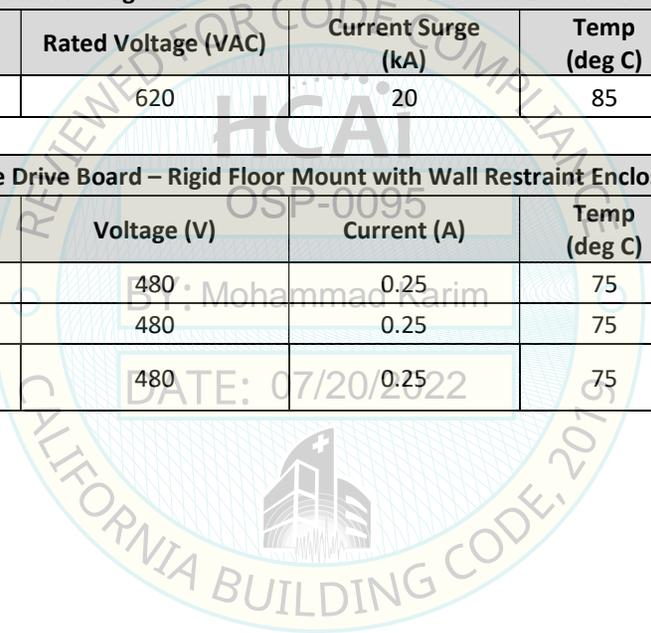
Part No. / Identifier	Manufacturer	Rated Voltage (V)	Current (A)	Temp (deg C)	Unit
60-200 power board	Schneider Electric	480	2	85	UUT-03
300 power board	Schneider Electric	480	3	85	UUT-04

Table 26: MOV – Rigid Floor Mount with Wall Restraint Enclosure

Part No. / Identifier	Manufacturer	Rated Voltage (VAC)	Current Surge (kA)	Temp (deg C)	Unit
TMOV25SP385M	Littelfuse	620	20	85	UUT-03, UUT-04

Table 27: Gate Drive Board – Rigid Floor Mount with Wall Restraint Enclosure

Part No. / Identifier	Manufacturer	Voltage (V)	Current (A)	Temp (deg C)	Unit
60 gate drive board	Schneider Electric	480	0.25	75	UUT-03
120 gate drive board	Schneider Electric	480	0.25	75	Interpolated
200/300 gate drive board	Schneider Electric	480	0.25	75	UUT-04



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UUT Product Information			
Manufacturer	Product Category	Product Line Model	Model Number
Schneider Electric Inc.	Power Correction System	PowerLogic AccuSine+	PCSP060D5N1

UUT Test Report Association				
Test Lab	Report No.	Report Date	Test Run No.	UUT Designation
Dynamic Certification Laboratories	DCL No. 94002-1501	11/30/2015	1	UUT-01

UUT Notes / Description
<ol style="list-style-type: none"> 1. The UUT is a wall mounted power correction system with Terminal kit packaged as a NEMA Type 1 enclosure. 2. The NEMA Type 1 enclosure is constructed of galvanized carbon steel sheet with powder-coated finished front cover. 3. UUT full of contents.

UUT Properties (As Tested)								
Weight (lbs.)	Dimensions (in.)			Lowest Natural Frequency (Hz)			Shake-Table Attachment	
	Height	Width	Depth	F-B	S-S	V	Type	Anchorage
233	60	17	15	N/A	N/A	N/A	Rigid wall mount	(7) 3/8" diameter Grade 5 bolts at 40 ft-lbs torque

UUT Seismic Test Parameters									
Building Codes	Test Criteria	S_{DS}	z/h	I_p	A_{FLX-H}	A_{RIG-H}	A_{FLX-V}	A_{RIG-V}	
CBC 2019	ICC-ES AC156	2.47	1.0	1.5	3.95	2.96	1.65	0.66	

UUT Seismic Test Results
The UUT maintained structural integrity and functionality as confirmed in post test inspection and active operation validation checks



UUT Major Sub-Components		
Description	Manufacturer	Part No. / Identifier
Chassis enclosure – NEMA Type 1, carbon steel sheet	Schneider Electric	IP00 / IP20
Bottom extension	Schneider Electric	PCSPWMKIT60A
Contactors	Schneider Electric	LC1D115
Filter	Schneider Electric	60A Filter
Precharge resistor	Ohmite	10Ω, 220W
Inductor	Tamura	61116
IGBT	Fuji	12MBI100VX-120-85
DC bus	United/Nippon Chemi-con	E82F451VNT272MCA5T
Impeller	Rosenberg	2RREut25
Power board	Schneider Electric	60-200A power board
MOV	Littelfuse	TMOV25SP385M
Gate drive board	Schneider Electric	60 gate drive board

DCL Project 31242-2201

UUT Product Information			
Manufacturer	Product Category	Product Line Model	Model Number
Schneider Electric Inc.	Power Correction System	PowerLogic AccuSine+	PCSP300D5N1

UUT Test Report Association				
Test Lab	Report No.	Report Date	Test Run No.	UUT Designation
Dynamic Certification Laboratories	DCL No. 94002-1501	11/30/2015	1	UUT-02

UUT Notes / Description
<ol style="list-style-type: none"> 1. The UUT is a wall mounted power correction system with Terminal kit packaged as a NEMA Type 1 enclosure. 2. The NEMA Type 1 enclosure is constructed of galvanized carbon steel sheet with powder-coated finished front cover. 3. UUT full of contents.

UUT Properties (As Tested)								
Weight (lbs.)	Dimensions (in.)			Lowest Natural Frequency (Hz)			Shake-Table Attachment	
	Height	Width	Depth	F-B	S-S	V	Type	Anchorage
504	72	23	18	N/A	N/A	N/A	Rigid wall mount	(8) 3/8" diameter Grade 5 bolts at 40 ft-lbs torque

UUT Seismic Test Parameters									
Building Codes	Test Criteria	S_{DS}	z/h	I_p	A_{FLX-H}	A_{RIG-H}	A_{FLX-V}	A_{RIG-V}	
CBC 2019	ICC-ES AC156	2.47	1.0	1.5	3.95	2.96	1.65	0.66	

UUT Seismic Test Results
The UUT maintained structural integrity and functionality as confirmed in post test inspection and active operation validation checks



UUT Major Sub-Components		
Description	Manufacturer	Part No. / Identifier
Chassis enclosure – NEMA Type 1, carbon steel sheet	Schneider Electric	IP00 / IP20
Bottom extension	Schneider Electric	PCSPWMKIT300A
Contactors	Schneider Electric	LC1D115004
Filter	Schneider Electric	300A Filter
Precharge resistor	Ohmite	5Ω, 300W
Inductor	Tamura	61114
IGBT	Fuji	4MBI650VB-120R1-85
DC bus	Cornell Dubilier Electronics	500CE1447
Impeller	ROSENBERG	DD 80-55-2
Power board	Schneider Electric	300A power board
MOV	Littelfuse	TMOV25SP385M
Gate drive board	Schneider Electric	200/300 gate drive board

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UUT Product Information			
Manufacturer	Product Category	Product Line Model	Model Number
Schneider Electric Inc.	Power Correction System	PowerLogic AccuSine+	PCSP047D6N12

UUT Test Report Association				
Test Lab	Report No.	Report Date	Test Run No.	UUT Designation
Dynamic Certification Laboratories	DCL No. 94002-1501	11/30/2015	2	UUT-03

UUT Notes / Description
<ol style="list-style-type: none"> 1. The UUT is a wall/floor mounted power correction system with Terminal kit packaged as a NEMA Type 1 enclosure. 2. The NEMA Type 12 enclosure is constructed of galvanized carbon steel sheet with powder-coated finished front cover. 3. UUT full of contents.

UUT Properties (As Tested)								
Weight (lbs.)	Dimensions (in.)			Lowest Natural Frequency (Hz)			Shake-Table Attachment	
	Height	Width	Depth	F-B	S-S	V	Type	Anchorage
940	82	52	20	N/A	N/A	N/A	Rigid floor mount with wall restraints	(8) 1/2" diameter Grade 5 bolts at 40 ft-lbs torque (2) manufacturer provided brackets integral to the test unit at the top of the unit Brackets attached to unit with (2) M12 bolts and to the fixture with (2) 3/8" diameter Grade 5 bolts at 40 ft-lbs

UUT Seismic Test Parameters									
Building Codes	Test Criteria	S _{Ds}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2019	ICC-ES AC156	2.47	1	1.5	3.95	2.96	1.65	0.66	

UUT Seismic Test Results
The UUT maintained structural integrity and functionality as confirmed in post test inspection and active operation validation checks



UUT Major Sub-Components		
Description	Manufacturer	Part No. / Identifier
Chassis enclosure – NEMA Type 12, carbon steel sheet	Schneider Electric	IP 54
Circuit breaker	Schneider Electric	HRL36150U31X
Step down transformer	Tamura	60410
Contactors	Schneider Electric	LC1D115
Filter	Schneider Electric	60A Filter
Precharge resistor	Ohmite	10Ω, 220W
Inductor	Tamura	61116
IGBT	Fuji	12MBI100VX-120-85
DC BUS	United/Nippon Chemi-con	E82F451VNT272MCAST
Impeller	ROSENBERG	2RREut25
Power board	Schneider Electric	60-200 power board
MOV	Littelfuse	TMOV25SP385M
Gate drive board	Schneider Electric	60 gate drive board

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UUT Product Information			
Manufacturer	Product Category	Product Line Model	Model Number
Schneider Electric Inc.	Power Correction System	PowerLogic AccuSine+	PCSP200D7N12

UUT Test Report Association				
Test Lab	Report No.	Report Date	Test Run No.	UUT Designation
Dynamic Certification Laboratories	DCL No. 94002-1501	11/30/2015	2	UUT-04

UUT Notes / Description
<ol style="list-style-type: none"> 1. The UUT is a wall/floor mounted power correction system with Terminal kit packaged as a NEMA Type 1 enclosure. 2. The NEMA Type 12 enclosure is constructed of galvanized carbon steel sheet with powder-coated finished front cover. 3. UUT full of contents.

UUT Properties (As Tested)								
Weight (lbs.)	Dimensions (in.)			Lowest Natural Frequency (Hz)			Shake-Table Attachment	
	Height	Width	Depth	F-B	S-S	V	Type	Anchorage
1810	82	56	24	N/A	N/A	N/A	Rigid floor mount with wall restraint	(8) 1/2" diameter Grade 5 bolts at 40 ft-lbs torque (2) manufacturer provided brackets integral to the test unit at the top of the unit Brackets attached to unit with (2) M12 bolts and to the fixture with (2) 3/8" diameter Grade 5 bolts at 40 ft-lbs

UUT Seismic Test Parameters									
Building Codes	Test Criteria	S _{Ds}	z/h	I _p	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
CBC 2019	ICC-ES AC156	2.47	1.0	1.5	3.95	2.96	1.65	0.66	

UUT Seismic Test Results
The UUT maintained structural integrity and functionality as confirmed in post test inspection and active operation validation checks



UUT Major Sub-Components		
Description	Manufacturer	Part No. / Identifier
Chassis enclosure – NEMA Type 12, carbon steel sheet	Schneider Electric	IP 54
Circuit breaker	Schneider Electric	NSX400HB2
Step down transformer	Tamura	60417
Contactors	Schneider Electric	LC1D115004
Filter	Schneider Electric	300A Filter
Precharge resistor	Ohmite	5Ω, 300W
Inductor	Tamura	61114
IGBT	Fuji	4MBI650VB-120R1-85
DC bus	Cornell Dubilier Electronics	500CE1447
Impeller	Rosenberg	DD 80-55-2
Power board	Schneider Electric	300 power board
MOV	Littelfuse	TMOV25SP385M
Gate drive board	Schneider Electric	200/300 gate drive board