



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP – 0540 – 10

OSHPD Special Seismic Certification Preapproval (OSP)

Type: ☒ New ☐ Renewal

Manufacturer Information

Manufacturer: Cummins Power Generation

Manufacturer's Technical Representative: Bart Bashynski

Mailing Address: 1400 73rd Ave NE, Fridley, MN – 55432 USA

Telephone: (763) 574-5361

Email: bart.a.bashynski@cummins.com

Product Information

Product Name: SP1000 EMI Switchgears

Product Type: EMI Switchgears

Product Model Number: GEN A, MAIN A, UMGM A, FDR A, FDR M, FDR TM

(List all unique product identification numbers and/or part numbers)

General Description: Genset Paralleling, Genset Main, Utility Main and Feeder Switchgears in NEMA Type 1 or 3R

Enclosures

Mounting Description: Rigid base mounted

Applicant Information

Applicant Company Name: The VMC Group

Contact Person: John P Giuliano, PE

Mailing Address: 113 Main Street, Bloomingdale, NJ 07403

Telephone: (973) 838-1780

Email: john.giuliano@thevmcgroup.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:

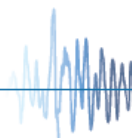
Date: February 28, 2018

Title: President

Company Name: The VMC Group

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY
OSH-FD-759 (REV 12/16/15)



OSHPD

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

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

Company Name: The VMC Group

Name: Mr. Ken Tarlow California License Number: SE2851

Mailing Address: 113 Main St., Bloomingdale, NJ 07403

Telephone: (973) 838-1780 Email: ken.tarlow@thvmcgroup.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): _____

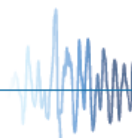
Testing Laboratory

Company Name: Pacific Earthquake Engineering Research Center UC Berkeley (PEER)

Contact Name: Clement Barthes

Mailing Address: 1301 S. 46th Street, Building 420, Richmond, CA 94804

Telephone: (510) 665-3409 Email: clementbarthes@berkeley.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) = 1.50 (z/h = 1); 1.13 (z/h = 0)

S_{DS} (Design spectral response acceleration at short period, g) = 2.00 (z/h = 1); 2.50 (z/h = 0)

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

R_p (Equipment or component response modification factor) = 6.0

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

z/h (Height factor ratio) = 1 (S_{DS} = 2.00); 0 (S_{DS} = 2.50)

Equipment or Component Natural Frequencies (Hz) = See attachments

Overall dimensions and weight (or range thereof) = See attachments

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) = _____

Ω_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, 2022

Signature: _____

Date: February 28, 2018

Print Name: Timothy J. Piland

Title: SSE

Special Seismic Certification Valid Up to : S_{DS} (g) = See Above

z/h = See Above

Condition of Approval (if applicable): _____

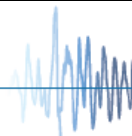


Table 1 - Certified SP1000 EMI Switchgears with Aluminum bus bars

Model	Enclosure NEMA Type	Breakers			Bus Rating [A]	Height [in]	Width [in]	Depth [in]	Weight [lbs]	UUT
		Qty.	Rating [A]	Frame						
MAIN A 1F	1	1	800-2000	NW	2000	90	48	48	1126	Extrapolated
MAIN A 1F	1	1	2500-3000	NW	3000	90	48	48	1233	
MAIN A 3F	3	1	800-2000	NW	2000	90	48	51	1254	
MAIN A 1D	1	1	800-2000	NW	2000	90	48	48	1306	
UMGM A 1F	1	2	800-2000	NW	2000	90	48	48	1332	
MAIN A 3F	3	1	2500-3000	NW	3000	90	48	51	1362	
FDR M 1F	1	2	400 1200	L-frame/P-frame	2000	90	48	48	1365	2
MAIN A 1D	1	1	2500-3000	NW	3000	90	48	48	1373	Interpolated
MAIN A 3D	3	1	800-2000	NW	2000	90	48	48	1435	
UMGM A 3F	3	2	800-2000	NW	2000	90	48	51	1443	
MAIN A 3D	3	1	2500-3000	NW	3000	90	48	48	1502	
FDR A 1F	1	3	800	L-frame/P-frame	3000	90	48	48	1502	
UMGM A 1F	1	2	2500-3000	NW	3000	90	48	48	1538	
FDR A 3F	3	3	800	L-frame/P-frame	3000	90	48	51	1630	
GEN A 1F	1	3	800	NW	3000	90	54	48	1634	
UMGM A 3F	3	2	2500-3000	NW	3000	90	48	51	1645	
UMGM A 1D	1	2	800-2000	NW	2000	90	48	48	1689	
FDR M 1F	1	7	400-1200	L-frame/P-frame	2000	90	48	48	1705	
FDR TM 1F	1	7	400-1200	L-frame/P-frame	2000	90	48	48	1705	
FDR TM 1F	1	7	400-1200	L-frame/P-frame	3000	90	48	48	1726	
FDR M 1F	1	7	400-1200	L-frame/P-frame	3000	90	48	48	1726	
GEN A 3F	3	3	800	NW	3000	90	54	51	1730	
FDR M 3F	3	7	400-1200	L-frame/P-frame	3000	90	48	51	1766	
UMGM A 3D	3	2	800-2000	NW	2000	90	48	51	1772	
UMGM A 1D	1	2	2500-3000	NW	3000	90	48	48	1812	
FDR M 3F	3	7	400-1200	L-frame/P-frame	2000	90	48	51	1834	
FDR TM 3F	3	7	400-1200	L-frame/P-frame	2000	90	48	51	1834	
FDR TM 3F	3	7	400-1200	L-frame/P-frame	3000	90	48	51	1855	
UMGM A 3D	3	2	2500-3000	NW	3000	90	48	51	1884	
FDR A 1D	1	3	800	L-frame/P-frame	3000	90	48	48	1955	
FDR A 3D	3	3	800	L-frame/P-frame	3000	90	48	51	2067	
UMGM A 3D	3	2	3000 3000	NW	3000	90	48	51	2095	4

Table 2 - Certified SP1000 EMI Switchgears with Copper bus bars

Model	Enclosure NEMA Type	Breakers			Bus Rating [A]	Height [in]	Width [in]	Depth [in]	Weight [lbs]	UUT
		Qty.	Rating [A]	Frame						
MAIN A 1F	1	1	800-2000	NW	2000	90	48	48	1280	Extrapolated
MAIN A 3F	3	1	800-2000	NW	2000	90	48	51	1391	
MAIN A 1F	1	1	2500-3000	NW	3000	90	48	48	1426	Interpolated
MAIN A 1D	1	1	800-2000	NW	2000	90	48	48	1431	
MAIN A 1D	1	1	2500-3000	NW	3000	90	48	48	1529	
MAIN A 3F	3	1	2500-3000	NW	3000	90	48	51	1537	
MAIN A 3D	3	1	800-2000	NW	2000	90	48	48	1542	
UMGM A 1F	1	2	800-2000	NW	2000	90	48	48	1601	
MAIN A 3D	3	1	2500-3000	NW	3000	90	48	48	1640	
FDR M 1F	1	7	400-1200	L-frame/P-frame	2000	90	48	48	1649	
FDR TM 1F	1	7	400-1208	L-frame/P-frame	2000	90	48	48	1649	
FDR TM 1F	1	7	400-1209	L-frame/P-frame	3000	90	48	48	1702	
FDR M 1F	1	7	400-1201	L-frame/P-frame	3000	90	48	48	1702	
UMGM A 3F	3	2	800-2000	NW	2000	90	48	51	1712	
FDR A 1F	1	3	800	L-frame/P-frame	3000	90	48	48	1735	
FDR M 3F	3	7	400-1204	L-frame/P-frame	2000	90	48	51	1786	
FDR TM 3F	3	7	400-1212	L-frame/P-frame	2000	90	48	51	1787	
FDR TM 1F	1	7	400-1210	L-frame/P-frame	4000	90	48	48	1836	
FDR M 1F	1	7	400-1202	L-frame/P-frame	4000	90	48	48	1836	
FDR TM 3F	3	7	400-1213	L-frame/P-frame	3000	90	48	51	1840	
FDR M 3F	3	7	400-1205	L-frame/P-frame	3000	90	48	51	1841	
UMGM A 1F	1	2	2500-3000	NW	3000	90	48	48	1873	Interpolated
FDR TM 1F	1	7	400-1211	L-frame/P-frame	5000	90	48	48	1917	
UMGM A 1D	1	2	800-2000	NW	2000	90	48	48	1917	
GEN A 1F	1	2	2000	NW	5000	90	54	48	1932	
FDR M 1F	1	7	400-1203	L-frame/P-frame	5000	90	48	48	1937	
FDR A 3F	3	3	800	L-frame/P-frame	3000	90	48	51	1950	
GEN A 1F	1	3	800 1600	NW	3000 4000	90	54	48	1800 1972	
FDR A 1F	1	2	2000	L-frame/P-frame	4000	90	48	48	1974	
FDR M 3F	3	7	400-1206	L-frame/P-frame	4000	90	48	51	1974	
FDR TM 3F	3	7	400-1214	L-frame/P-frame	4000	90	48	51	1975	
UMGM A 3F	3	2	2500-3000	NW	3000	90	48	51	1984	
UMGM A 3D	3	2	800-2000	NW	2000	90	48	51	2028	
GEN A 3F	3	2	2000	NW	5000	90	54	51	2029	
FDR M 3F	3	7	400-1207	L-frame/P-frame	5000	90	48	51	2055	
FDR TM 3F	3	7	400-1215	L-frame/P-frame	5000	90	48	51	2055	
GEN A 3F	3	3	800 1600	NW	3000 4000	90	54	51	1873 2069	
UMGM A 1D	1	2	2500-3000	NW	3000	90	48	48	2098	
FDR A 1F	1	3	1600	L-frame/P-frame	5000	90	48	48	2119	
FDR A 1D	1	2	2000	L-frame/P-frame	4000	90	48	48	2150	
GEN A 1D	1	2	2000	NW	5000	90	54	48	2188	Interpolated
UMGM A 3D	3	2	2500-3000	NW	3000	90	48	51	2209	
FDR A 1D	1	3	800	L-frame/P-frame	3000	90	48	48	2225	
GEN A 3D	3	2	2000	NW	5000	90	54	51	2285	
GEN A 1FD	1	2	800 800	NW	3000	90	54	48	2325	1
FDR A 3F	3	2	2000	L-frame/P-frame	4000	90	48	51	2365	Interpolated
GEN A 1D	1	3	800 1600	NW	3000	90	54	48	2129 2426	
FDR A 3D	3	3	800	L-frame/P-frame	3000	90	48	51	2439	
GEN A 3D	3	3	800 1600	NW	3000 4000	90	54	51	2356 2523	
FDR A 1D	1	3	1600	L-frame/P-frame	5000	90	48	48	2609	
FDR A 3F	3	3	1600	L-frame/P-frame	5000	90	48	51	2825	
FDR A 3D	3	3	1600	L-frame/P-frame	5000	90	48	51	2825	
FDR A 3D	3	2	2000	L-frame/P-frame	4000	90	48	51	3195	
MAIN A 1F	1	1	4000	NW	4000	90	62	48	3348	
MAIN A 1D	1	1	4000	NW	4000	90	62	48	3626	
MAIN A 1F	1	1	5000	NW	5000	90	62	48	3779	
UMGM A 1F	1	2	4000	NW	4000	90	62	48	3782	
MAIN A 1D	1	1	5000	NW	5000	90	62	48	3883	
MAIN A 3F	3	1	4000	NW	4000	90	62	51	3971	
MAIN A 3D	3	1	4000	NW	4000	90	62	48	4249	
UMGM A 1D	1	2	4000	NW	4000	90	62	48	4338	
UMGM A 1F	1	2	5000	NW	5000	90	62	48	4387	
MAIN A 3F	3	1	5000	NW	5000	90	62	51	4402	
UMGM A 3F	3	2	4000	NW	4000	90	62	51	4405	
MAIN A 3D	3	1	5000	NW	5000	90	62	48	4506	3
UMGM A 1D	1	2	5000	NW	5000	90	62	48	4595	
UMGM A 3FD	3	2	4000 4000	NW	5000	90	62	51	4815	3

Table 3 - Certified Enclosures

Type	Amp Range	Material	Manufacturer	UUT
NEMA 1	2000-5000	Cold Rolled Steel	EMI	1,2
NEMA 3R	2000-5000	Galvannealed Steel	EMI	3,4

Table 4 - Certified Subcomponents: Breakers

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
60112	Control Circuit Breaker: 15A, 1-pole	2	Schneider	4
60147	Control Circuit Breaker: 20A, 2-pole	2	Schneider	Interpolated
60182	Control Circuit Breaker: 30A, 3-pole	3	Schneider	4
MJA36400AC	400A (65kAIC - MCCB - Manually Operated - 80% - TM)	19	Schneider	2
MJA36600AC	600A (65kAIC - MCCB - Manually Operated - 80% - TM)	19	Schneider	Interpolated
MJA36800AC	800A (65kAIC - MCCB - Manually Operated - 80% - TM)	19	Schneider	Interpolated
LLA36400U33XAC	400A (100kAIC - MCCB - Manually Operated - 80% - LSI)	19	Schneider	Interpolated
LLA36400U31XAC	400A (100kAIC - MCCB - Manually Operated - 100% - LSI)	19	Schneider	Interpolated
LLA36400U31XAC	400A (100kAIC - MCCB - Manually Operated - 100% - LSIA)	19	Schneider	Interpolated
LLA36400U44XAC	400A (100kAIC - MCCB - Manually Operated - 80% - LSIG)	19	Schneider	Interpolated
LLA36400U31XAC	400A (100kAIC - MCCB - Manually Operated - 100% - LSIG)	19	Schneider	Interpolated
LLA36400U31XAC	400A (100kAIC - MCCB - Manually Operated - 80% - TM)	19	Schneider	Interpolated
LLA36600U33XAC	600A (100kAIC - MCCB - Manually Operated - 80% - LSI)	19	Schneider	Interpolated
LLA36600U44XAC	600A (100kAIC - MCCB - Manually Operated - 80% - LSIG)	19	Schneider	Interpolated
LJA36400U33XAC	400A (65kAIC - MCCB - Manually Operated - 80% - LSI)	19	Schneider	Interpolated
LJA36400U44XAC	400A (65kAIC - MCCB - Manually Operated - 80% - LSIG)	19	Schneider	Interpolated
LJA36400CU33XAC	400A (65kAIC - MCCB - Manually Operated - 100% - LSI)	19	Schneider	Interpolated
LJA36400CU44XAC	400A (65kAIC - MCCB - Manually Operated - 100% - LSIG)	19	Schneider	Interpolated
LJA36600U44XAC	600A (65kAIC - MCCB - Manually Operated - 80% - LSIG)	19	Schneider	Interpolated
LJA36600U33XAC	600A (65kAIC - MCCB - Manually Operated - 80% - LSI)	19	Schneider	Interpolated
LJA36080U33AAC	800A (65kAIC - MCCB - Manually Operated - 80% - LSI)	19	Schneider	Interpolated
PJA36040U63AE1VAC	400A (65kAIC - MCCB - Manually Operated - 80% - LSIA)	36	Schneider	Interpolated
PJA36040CU63AE1VAC	400A (65kAIC - MCCB - Manually Operated - 100% - LSIA)	36	Schneider	Interpolated
PJA36060U63AE1VAC	600A (65kAIC - MCCB - Manually Operated - 80% - LSIA)	36	Schneider	Interpolated

Table 4 - Certified Subcomponents: Breakers cont...

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
PJA36080CU33AAC	800A (65kAIC - MCCB - Manually Operated - 100% - LSI)	36	Schneider	Interpolated
PJA36080CU63AE1VAC	800A (65kAIC - MCCB - Manually Operated - 100% - LSIA)	36	Schneider	Interpolated
PJA36080CU44AAC	800A (65kAIC - MCCB - Manually Operated - 100% - LSIG)	36	Schneider	Interpolated
PJA36080U63AE1VAC	800A (65kAIC - MCCB - Manually Operated - 80% - LSIA)	36	Schneider	Interpolated
PJA36080U44AAC	800A (65kAIC - MCCB - Manually Operated - 80% - LSIG)	36	Schneider	Interpolated
PJA36100U33AAC	1000A (100kAIC - MCCB - Manually Operated - 80% - LSI)	36	Schneider	Interpolated
PJA36100U63AE1VAC	1000A (100kAIC - MCCB - Manually Operated - 80% - LSIA)	36	Schneider	Interpolated
PJA36100U44AAC	1000A (100kAIC - MCCB - Manually Operated - 80% - LSIG)	36	Schneider	Interpolated
PJA36100AC	1000A (65kAIC - MCCB - Manually Operated - 80% - TM)	36	Schneider	Interpolated
PJA36120U63AE1VAC/S33576	1200A (65kAIC - MCCB - Manually Operated - 80% - LSIA)	36	Schneider	Interpolated
PJA36120U44AAC/S33576	1200A (65kAIC - MCCB - Manually Operated - 80% - LSIG)	36	Schneider	Interpolated
PJA36120AC	1200A (65kAIC - MCCB - Manually Operated - 80% - TM)	36	Schneider	Interpolated
PLA34040U63AE1VAC	400A (100kAIC - MCCB - Manually Operated - 80% - LSIA)	36	Schneider	Interpolated
PLA34060U63AE1VAC	600A (100kAIC - MCCB - Manually Operated - 80% - LSIA)	36	Schneider	Interpolated
PLA34060AC	600A (100kAIC - MCCB - Manually Operated - 100% - LSI)	36	Schneider	Interpolated
PLA34060AC	600A (100kAIC - MCCB - Manually Operated - 100% - LSIA)	36	Schneider	Interpolated
PLA34060AC	600A (100kAIC - MCCB - Manually Operated - 100% - LSIG)	36	Schneider	Interpolated
PLA34060AC	600A (100kAIC - MCCB - Manually Operated - 80% - TM)	36	Schneider	Interpolated
PLA34080AC	800A (100kAIC - MCCB - Manually Operated - 100% - LSI)	36	Schneider	Interpolated
PLA34080AC	800A (100kAIC - MCCB - Manually Operated - 100% - LSIA)	36	Schneider	Interpolated
PLA34080AC	800A (100kAIC - MCCB - Manually Operated - 100% - LSIG)	36	Schneider	Interpolated
PLA34080AC	800A (100kAIC - MCCB - Electrically Operated - 100% - LSI)	36	Schneider	Interpolated
PLA34080AC	800A (100kAIC - MCCB - Manually Operated - 80% - TM)	36	Schneider	Interpolated
PLA34080U44AAC	800A (100kAIC - MCCB - Manually Operated - 80% - LSIG)	36	Schneider	Interpolated
PLA34080U33AAC	800A (100kAIC - MCCB - Manually Operated - 80% - LSI)	36	Schneider	Interpolated
PLA34080U63AE1VAC	800A (100kAIC - MCCB - Manually Operated - 80% - LSIA)	36	Schneider	Interpolated
PLA34100AC	1000A (100kAIC - MCCB - Manually Operated - 80% - TM)	36	Schneider	Interpolated

Table 4 - Certified Subcomponents: Breakers cont...

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
PLA34100U33AAC	1000A (65kAIC - MCCB - Manually Operated - 80% - LSI)	36	Schneider	Interpolated
PLA34100U63AE1VAC	1000A (65kAIC - MCCB - Manually Operated - 80% - LSIA)	36	Schneider	Interpolated
PLA34100U44AAC	1000A (65kAIC - MCCB - Manually Operated - 80% - LSIG)	36	Schneider	Interpolated
PLA34120U33AAC	1200A (100kAIC - MCCB - Manually Operated - 80% - LSI)	36	Schneider	Interpolated
PLA34120U63AE1VAC	1200A (100kAIC - MCCB - Manually Operated - 80% - LSIA)	36	Schneider	Interpolated
PLA34120U44AAC	1200A (100kAIC - MCCB - Manually Operated - 80% - LSIG)	36	Schneider	Interpolated
PLA34120AC	1200A (100kAIC - MCCB - Manually Operated - 80% - TM)	36	Schneider	Interpolated
PLA36120U33AAC	1200A (65kAIC - MCCB - Manually Operated - 80% - LSI)	36	Schneider	Interpolated
PLA34040U33AACMOYB	400A (100kAIC - MCCB - Electrically Operated - 80% - LSI)	38	Schneider	Interpolated
PLA34040U63AE1VACMOYB	400A (100kAIC - MCCB - Electrically Operated - 80% - LSIA)	38	Schneider	Interpolated
PLA34040U44AACMOYB	400A (100kAIC - MCCB - Electrically Operated - 80% - LSIG)	38	Schneider	Interpolated
PLA34040U33AACMOYB	400A (100kAIC - MCCB - Electrically Operated - 100% - LSI)	38	Schneider	Interpolated
PLA34040U63AE1VACMOYB	400A (100kAIC - MCCB - Electrically Operated - 100% - LSIA)	38	Schneider	Interpolated
PLA34040U44AACMOYB	400A (100kAIC - MCCB - Electrically Operated - 100% - LSIG)	38	Schneider	Interpolated
PLA34060U33AACMOYB	600A (100kAIC - MCCB - Electrically Operated - 80% - LSI)	38	Schneider	Interpolated
PLA34060U63AE1VACMOYB	600A (100kAIC - MCCB - Electrically Operated - 80% - LSIA)	38	Schneider	Interpolated
PLA34060U44AACMOYB	600A (100kAIC - MCCB - Electrically Operated - 80% - LSIG)	38	Schneider	Interpolated
PLA34060U33AACMOYB	600A (100kAIC - MCCB - Electrically Operated - 100% - LSI)	38	Schneider	Interpolated
PLA34060U63AE1VACMOYB	600A (100kAIC - MCCB - Electrically Operated - 100% - LSIA)	38	Schneider	Interpolated
PLA34060U44AACMOYB	600A (100kAIC - MCCB - Electrically Operated - 100% - LSIG)	38	Schneider	Interpolated
PLA34080U33AACMOYB	800A (65kAIC - MCCB - Electrically Operated - 80% - LSI)	38	Schneider	Interpolated
PLA34080U63AE1VACMOYB	800A (65kAIC - MCCB - Electrically Operated - 80% - LSIA)	38	Schneider	Interpolated
PLA34080U44AACMOYB	800A (65kAIC - MCCB - Electrically Operated - 80% - LSIG)	38	Schneider	Interpolated
PLA34080AC	800A (100kAIC - MCCB - Electrically Operated - 100% - LSIG)	38	Schneider	Interpolated
PLA34100U33AACMOYB	1000A (100kAIC - MCCB - Electrically Operated - 80% - LSI)	38	Schneider	Interpolated
PLA34100U63AE1VACMOYB	1000A (100kAIC - MCCB - Electrically Operated - 80% - LSIA)	38	Schneider	Interpolated
PLA34100U44AACMOYB	1000A (100kAIC - MCCB - Electrically Operated - 80% - LSIG)	38	Schneider	Interpolated

Table 4 - Certified Subcomponents: Breakers cont...

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
PLA34120U33AACMOYB	1200A (100kAIC - MCCB - Electrically Operated - 80% - LSI)	38	Schneider	Interpolated
PLA34120U63AE1VACMOYB	1200A (100kAIC - MCCB - Electrically Operated - 80% - LSIA)	38	Schneider	Interpolated
PLA34120U44AACMOYB	1200A (100kAIC - MCCB - Electrically Operated - 80% - LSIG)	38	Schneider	Interpolated
PJA36040U33AACMOYB	400A (65kAIC - MCCB - Electrically Operated - 80% - LSI)	38	Schneider	Interpolated
PJA36040U63AE1VACMOYB	400A (65kAIC - MCCB - Electrically Operated - 80% - LSIA)	38	Schneider	Interpolated
PJA36040U44AACMOYB	400A (65kAIC - MCCB - Electrically Operated - 80% - LSIG)	38	Schneider	Interpolated
PJA36040U33AACMOYB	400A (65kAIC - MCCB - Electrically Operated - 100% - LSI)	38	Schneider	Interpolated
PJA36040U63AE1VACMOYB	400A (65kAIC - MCCB - Electrically Operated - 100% - LSIA)	38	Schneider	Interpolated
PJA36040U44AACMOYB	400A (65kAIC - MCCB - Electrically Operated - 100% - LSIG)	38	Schneider	Interpolated
PJA36060U33AACMOYB	600A (65kAIC - MCCB - Electrically Operated - 80% - LSI)	38	Schneider	Interpolated
PJA36060U63AE1VACMOYB	600A (65kAIC - MCCB - Electrically Operated - 80% - LSIA)	38	Schneider	Interpolated
PJA36060U44AACMOYB	600A (65kAIC - MCCB - Electrically Operated - 80% - LSIG)	38	Schneider	Interpolated
PJA36060CU33AAC	600A (65kAIC - MCCB - Manually Operated - 100% - LSI)	38	Schneider	Interpolated
PJA36060CU63AE1VAC	600A (65kAIC - MCCB - Manually Operated - 100% - LSIA)	38	Schneider	Interpolated
PJA36060CU44AAC	600A (65kAIC - MCCB - Manually Operated - 100% - LSIG)	38	Schneider	Interpolated
PJA36060U33AACMOYB	600A (65kAIC - MCCB - Electrically Operated - 100% - LSI)	38	Schneider	Interpolated
PJA36060U63AE1VACMOYB	600A (65kAIC - MCCB - Electrically Operated - 100% - LSIA)	38	Schneider	Interpolated
PJA36080U33AACMOYB	800A (65kAIC - MCCB - Electrically Operated - 100% - LSI)	38	Schneider	Interpolated
PJA36080U63AE1VACMOYB	800A (65kAIC - MCCB - Electrically Operated - 100% - LSIA)	38	Schneider	Interpolated
PJA36080U44AACMOYB	800A (65kAIC - MCCB - Electrically Operated - 100% - LSIG)	38	Schneider	Interpolated
PJA36080U33AACMOYB	800A (100kAIC - MCCB - Electrically Operated - 80% - LSI)	38	Schneider	Interpolated
PJA36080U63AE1VACMOYB	800A (100kAIC - MCCB - Electrically Operated - 80% - LSIA)	38	Schneider	Interpolated
PJA36080U44AACMOYB	800A (100kAIC - MCCB - Electrically Operated - 80% - LSIG)	38	Schneider	Interpolated
PJA36100U33AACMOYB	1000A (65kAIC - MCCB - Electrically Operated - 80% - LSI)	38	Schneider	Interpolated
PJA36100U63AE1VACMOYB	1000A (65kAIC - MCCB - Electrically Operated - 80% - LSIA)	38	Schneider	Interpolated
PJA36100U44AACMOYB	1000A (65kAIC - MCCB - Electrically Operated - 80% - LSIG)	38	Schneider	Interpolated
PJA36120U44AACMOYB	1200A (65kAIC - MCCB - Electrically Operated - 80% - LSIG)	38	Schneider	Interpolated

Table 4 - Certified Subcomponents: Breakers cont...

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
PJA36120U63AE1VACMOYB	1200A (65kAIC - MCCB - Electrically Operated - 80% - LSIA)	38	Schneider	Interpolated
PJA36120U33AACMOYB	1200A (65kAIC - MCCB - Electrically Operated - 80% - LSI)	38	Schneider	2
WL1AAH33A9SXXXXXCA	800A (65kAIC - Fixed Mount - Manually Operated - LSI)	126	Schneider	1
WL1AAH63A3FXXXXXCA	800A (65kAIC - Fixed Mount - Manually Operated - LSIA)	126	Schneider	Interpolated
WL1AAH44A9SXXXXXCA	800A (65kAIC - Fixed Mount - Manually Operated - LSIG)	126	Schneider	Interpolated
WL1AAH33A9SPBBXXCA	800A (65kAIC - Fixed Mount - Electrically Operated - LSI)	126	Schneider	Interpolated
WL1AAH63A3FPBBXXCA	800A (65kAIC - Fixed Mount - Electrically Operated - LSIA)	126	Schneider	Interpolated
WL1AAH44A9SPBBXXCA	800A (65kAIC - Fixed Mount - Electrically Operated - LSIG)	126	Schneider	Interpolated
WL3AAH33A9SXXXXXCA	800A (100kAIC - Fixed Mount - Manually Operated - LSI)	126	Schneider	Interpolated
WL3AAH63A3FXXXXXCA	800A (100kAIC - Fixed Mount - Manually Operated - LSIA)	126	Schneider	Interpolated
WL3AAH44A9SXXXXXCA	800A (100kAIC - Fixed Mount - Manually Operated - LSIG)	126	Schneider	Interpolated
WL3AAH33A9SPBBXXCA	800A (100kAIC - Fixed Mount - Electrically Operated - LSI)	126	Schneider	Interpolated
WL3AAH63A3FPBBXXCA	800A (100kAIC - Fixed Mount - Electrically Operated - LSIA)	126	Schneider	Interpolated
WL3AAH44A9SPBBXXCA	800A (100kAIC - Fixed Mount - Electrically Operated - LSIG)	126	Schneider	Interpolated
WL1CCH44A9SPBBXXCA	1200A (65kAIC - Fixed Mount - Electrically Operated - LSIG)	126	Schneider	Interpolated
WL1CCH33A9SXXXXXCA	1200A (65kAIC - Fixed Mount - Manually Operated - LSI)	126	Schneider	Interpolated
WL1CCH63A3FXXXXXCA	1200A (65kAIC - Fixed Mount - Manually Operated - LSIA)	126	Schneider	Interpolated
WL1CCH44A9SXXXXXCA	1200A (65kAIC - Fixed Mount - Manually Operated - LSIG)	126	Schneider	Interpolated
WL1CCH33A9SPBBXXCA	1200A (65kAIC - Fixed Mount - Electrically Operated - LSI)	126	Schneider	Interpolated
WL3CCH33A9SXXXXXCA	1200A (100kAIC - Fixed Mount - Manually Operated - LSI)	126	Schneider	Interpolated
WL3CCH63A3FXXXXXCA	1200A (100kAIC - Fixed Mount - Manually Operated - LSIA)	126	Schneider	Interpolated
WL3CCH44A9SXXXXXCA	1200A (100kAIC - Fixed Mount - Manually Operated - LSIG)	126	Schneider	Interpolated
WL3CCH33A9SPBBXXCA	1200A (100kAIC - Fixed Mount - Electrically Operated - LSI)	126	Schneider	Interpolated
WL3CCH63A3FPBBXXCA	1200A (100kAIC - Fixed Mount - Electrically Operated - LSIA)	126	Schneider	Interpolated
WL3CCH44A9SPBBXXCA	1200A (100kAIC - Fixed Mount - Electrically Operated - LSIG)	126	Schneider	Interpolated
WL1EEH33A9SXXXXXCA	1600A (65kAIC - Fixed Mount - Manually Operated - LSI)	126	Schneider	Interpolated
WL1EEH63A3FXXXXXCA	1600A (65kAIC - Fixed Mount - Manually Operated - LSIA)	126	Schneider	Interpolated

Table 4 - Certified Subcomponents: Breakers cont...

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
WL1EEH44A9SXXXXXCA	1600A (65kAIC - Fixed Mount - Manually Operated - LSIG)	126	Schneider	Interpolated
WL1EEH33A9SPBBXXCA	1600A (65kAIC - Fixed Mount - Electrically Operated - LSI)	126	Schneider	Interpolated
WL1EEH63A3FPBBXXCA	1600A (65kAIC - Fixed Mount - Electrically Operated - LSIA)	126	Schneider	Interpolated
WL1EEH44A9SPBBXXCA	1600A (65kAIC - Fixed Mount - Electrically Operated - LSIG)	126	Schneider	Interpolated
WL3EEH33A9SXXXXXCA	1600A (100kAIC - Fixed Mount - Manually Operated - LSI)	126	Schneider	Interpolated
WL3EEH63A3FXXXXXCA	1600A (100kAIC - Fixed Mount - Manually Operated - LSIA)	126	Schneider	Interpolated
WL3EEH44A9SXXXXXCA	1600A (100kAIC - Fixed Mount - Manually Operated - LSIG)	126	Schneider	Interpolated
WL3EEH63A3FPBBXXCA	1600A (100kAIC - Fixed Mount - Electrically Operated - LSIA)	126	Schneider	Interpolated
WL3EEH44A9SPBBXXCA	1600A (100kAIC - Fixed Mount - Electrically Operated - LSIG)	126	Schneider	Interpolated
WL1FFH33A9SXXXXXCA	2000A (65kAIC - Fixed Mount - Manually Operated - LSI)	126	Schneider	Interpolated
WL1FFH63A3FXXXXXCA/S48896	2000A (65kAIC - Fixed Mount - Manually Operated - LSIA)	126	Schneider	Interpolated
WL1FFH44A9SXXXXXCA/S48896	2000A (65kAIC - Fixed Mount - Manually Operated - LSIG)	126	Schneider	Interpolated
WL1FFH33A9SPBBXXCA	2000A (65kAIC - Fixed Mount - Electrically Operated - LSI)	126	Schneider	Interpolated
WL1FFH63A3FPBBXXCA	2000A (65kAIC - Fixed Mount - Electrically Operated - LSIA)	126	Schneider	Interpolated
WL1FFH44A9SPBBXXCA	2000A (65kAIC - Fixed Mount - Electrically Operated - LSIG)	126	Schneider	Interpolated
WL3FFH33A9SXXXXXCA	2000A (100kAIC - Fixed Mount - Manually Operated - LSI)	126	Schneider	Interpolated
WL3FFH63A3FXXXXXCA	2000A (100kAIC - Fixed Mount - Manually Operated - LSIA)	126	Schneider	Interpolated
WL3FFH44A9SXXXXXCA	2000A (100kAIC - Fixed Mount - Manually Operated - LSIG)	126	Schneider	Interpolated
WL3FFH33A9SPBBXXCA	2000A (100kAIC - Fixed Mount - Electrically Operated - LSI)	126	Schneider	Interpolated
WL3FFH63A3FPBBXXCA	2000A (100kAIC - Fixed Mount - Electrically Operated - LSIA)	126	Schneider	Interpolated
WL3FFH44A9SPBBXXCA	2000A (100kAIC - Fixed Mount - Electrically Operated - LSIG)	126	Schneider	Interpolated
WL3HHJ44A9SPBBXXCA	3000A (65kAIC - Fixed Mount - Electrically Operated - LSIG)	153	Schneider	Interpolated
WL3HHJ33A9SXXXXXCA	3000A (65kAIC - Fixed Mount - Manually Operated - LSI)	153	Schneider	Interpolated
WL3HHJ63A3FXXXXXCA	3000A (65kAIC - Fixed Mount - Manually Operated - LSIA)	153	Schneider	Interpolated
WL3HHJ33A9SPBBXXCA	3000A (65kAIC - Fixed Mount - Electrically Operated - LSI)	153	Schneider	Interpolated
WL3HHJ63A3FPBBXXCA	3000A (65kAIC - Fixed Mount - Electrically Operated - LSIA)	153	Schneider	Interpolated
WL3HHJ63A3FXXXXXCA	3000A (100kAIC - Fixed Mount - Manually Operated - LSIA)	153	Schneider	Interpolated

Table 4 - Certified Subcomponents: Breakers cont...

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
WL3HHJ44A9SXXXXXCA	3000A (100kAIC - Fixed Mount - Manually Operated - LSIG)	153	Schneider	Interpolated
WL3HHJ33A9SPBBXXCA	3000A (100kAIC - Fixed Mount - Electrically Operated - LSI)	153	Schneider	Interpolated
WL3HHJ63A3FPBBXXCA	3000A (100kAIC - Fixed Mount - Electrically Operated - LSIA)	153	Schneider	Interpolated
WL3HHJ44A9SPBBXXCA	3000A (100kAIC - Fixed Mount - Electrically Operated - LSIG)	153	Schneider	Interpolated
WL3HHJ33A9SXXXXXCA	3000A (100kAIC - Fixed Mount - Manually Operated - LSI)	153	Schneider	4
WL1AAR33A9SPBBXXCA	800A (65kAIC - Drawout - Electrically Operated - LSI)	223	Schneider	1
WL1AAR33A9SXXXXXCA	800A (65kAIC - Drawout - Manually Operated - LSI)	223	Schneider	Interpolated
WL1AAR63A3FXXXXXCA	800A (65kAIC - Drawout - Manually Operated - LSIA)	223	Schneider	Interpolated
WL1AAR44A9SXXXXXCA	800A (65kAIC - Drawout - Manually Operated - LSIG)	223	Schneider	Interpolated
WL1AAR63A3FPBBXXCA	800A (65kAIC - Drawout - Electrically Operated - LSIA)	223	Schneider	Interpolated
WL1AAR44A9SPBBXXCA	800A (65kAIC - Drawout - Electrically Operated - LSIG)	223	Schneider	Interpolated
WL3AAR33A9SXXXXXCA	800A (100kAIC - Drawout - Manually Operated - LSI)	223	Schneider	Interpolated
WL3AAR63A3FXXXXXCA	800A (100kAIC - Drawout - Manually Operated - LSIA)	223	Schneider	Interpolated
WL3AAR44A9SXXXXXCA	800A (100kAIC - Drawout - Manually Operated - LSIG)	223	Schneider	Interpolated
WL3AAR33A9SPBBXXCA	800A (100kAIC - Drawout - Electrically Operated - LSI)	223	Schneider	Interpolated
WL3AAR63A3FPBBXXCA	800A (100kAIC - Drawout - Electrically Operated - LSIA)	223	Schneider	Interpolated
WL3AAR44A9SPBBXXCA	800A (100kAIC - Drawout - Electrically Operated - LSIG)	223	Schneider	Interpolated
WL1CCR33A9SXXXXXCA	1200A (65kAIC - Drawout - Manually Operated - LSI)	223	Schneider	Interpolated
WL1CCR63A3FXXXXXCA	1200A (65kAIC - Drawout - Manually Operated - LSIA)	223	Schneider	Interpolated
WL1CCR44A9SXXXXXCA	1200A (65kAIC - Drawout - Manually Operated - LSIG)	223	Schneider	Interpolated
WL1CCR33A9SPBBXXCA	1200A (65kAIC - Drawout - Electrically Operated - LSI)	223	Schneider	Interpolated
WL1CCR63A3FPBBXXCA	1200A (65kAIC - Drawout - Electrically Operated - LSIA)	223	Schneider	Interpolated
WL1CCR44A9SPBBXXCA	1200A (65kAIC - Drawout - Electrically Operated - LSIG)	223	Schneider	Interpolated
WL3CCR33A9SXXXXXCA	1200A (100kAIC - Drawout - Manually Operated - LSI)	223	Schneider	Interpolated
WL3CCR63A3FXXXXXCA	1200A (100kAIC - Drawout - Manually Operated - LSIA)	223	Schneider	Interpolated
WL3CCR44A9SXXXXXCA	1200A (100kAIC - Drawout - Manually Operated - LSIG)	223	Schneider	Interpolated
WL3CCR33A9SPBBXXCA	1200A (100kAIC - Drawout - Electrically Operated - LSI)	223	Schneider	Interpolated

Table 4 - Certified Subcomponents: Breakers cont...

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
WL3CCR63A3FPBBXXCA	1200A (100kAIC - Drawout - Electrically Operated - LSIA)	223	Schneider	Interpolated
WL3CCR44A9SPBBXXCA	1200A (100kAIC - Drawout - Electrically Operated - LSIG)	223	Schneider	Interpolated
WL1EER33A9SXXXXXCA	1600A (65kAIC - Drawout - Manually Operated - LSI)	223	Schneider	Interpolated
WL1EER63A3FXXXXXCA	1600A (65kAIC - Drawout - Manually Operated - LSIA)	223	Schneider	Interpolated
WL1EER44A9SXXXXXCA	1600A (65kAIC - Drawout - Manually Operated - LSIG)	223	Schneider	Interpolated
WL1EER33A9SPBBXXCA	1600A (65kAIC - Drawout - Electrically Operated - LSI)	223	Schneider	Interpolated
WL1EER63A3FPBBXXCA	1600A (65kAIC - Drawout - Electrically Operated - LSIA)	223	Schneider	Interpolated
WL1EER44A9SPBBXXCA	1600A (65kAIC - Drawout - Electrically Operated - LSIG)	223	Schneider	Interpolated
WL3EER33A9SXXXXXCA	1600A (100kAIC - Drawout - Manually Operated - LSI)	223	Schneider	Interpolated
WL3EER63A3FXXXXXCA	1600A (100kAIC - Drawout - Manually Operated - LSIA)	223	Schneider	Interpolated
WL3EER44A9SXXXXXCA	1600A (100kAIC - Drawout - Manually Operated - LSIG)	223	Schneider	Interpolated
WL3EER33A9SPBBXXCA	1600A (100kAIC - Drawout - Electrically Operated - LSI)	223	Schneider	Interpolated
WL3EER63A3FPBBXXCA	1600A (100kAIC - Drawout - Electrically Operated - LSIA)	223	Schneider	Interpolated
WL3EER44A9SPBBXXCA	1600A (100kAIC - Drawout - Electrically Operated - LSIG)	223	Schneider	Interpolated
WL1FFR33A9SXXXXXCA	2000A (65kAIC - Drawout - Manually Operated - LSI)	223	Schneider	Interpolated
WL1FFR63A3FXXXXXCA	2000A (65kAIC - Drawout - Manually Operated - LSIA)	223	Schneider	Interpolated
WL1FFR44A9SXXXXXCA	2000A (65kAIC - Drawout - Manually Operated - LSIG)	223	Schneider	Interpolated
WL1FFR33A9SPBBXXCA	2000A (65kAIC - Drawout - Electrically Operated - LSI)	223	Schneider	Interpolated
WL1FFR63A3FPBBXXCA	2000A (65kAIC - Drawout - Electrically Operated - LSIA)	223	Schneider	Interpolated
WL1FFR44A9SPBBXXCA	2000A (65kAIC - Drawout - Electrically Operated - LSIG)	223	Schneider	Interpolated
WL3FFR33A9SPBBXXCA	2000A (100kAIC - Drawout - Manually Operated - LSI)	223	Schneider	Interpolated
WL3FFR63A3FPBBXXCA	2000A (100kAIC - Drawout - Manually Operated - LSIA)	223	Schneider	Interpolated
WL3FFR44A9SPBBXXCA	2000A (100kAIC - Drawout - Manually Operated - LSIG)	223	Schneider	Interpolated
WL3FFR33A9SPBBXXCA	2000A (100kAIC - Drawout - Electrically Operated - LSI)	223	Schneider	Interpolated
WL3FFR63A3FPBBXXCA	2000A (100kAIC - Drawout - Electrically Operated - LSIA)	223	Schneider	Interpolated
WL3FFR44A9SPBBXXCA	2000A (100kAIC - Drawout - Electrically Operated - LSIG)	223	Schneider	Interpolated

Table 4 - Certified Subcomponents: Breakers cont...

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
WL1HHR44A9SXXXXXCA	3000A (65kAIC - Drawout - Manually Operated - LSIG)	277	Schneider	Interpolated
WL1HHR33A9SPBBXXCA	3000A (65kAIC - Drawout - Electrically Operated - LSI)	277	Schneider	Interpolated
WL1HHR63A3FPBBXXCA	3000A (65kAIC - Drawout - Electrically Operated - LSIA)	277	Schneider	Interpolated
WL1HHR44A9SPBBXXCA	3000A (65kAIC - Drawout - Electrically Operated - LSIG)	277	Schneider	Interpolated
WL3HHR63A3FXXXXXCA/S48182	3000A (100kAIC - Drawout - Manually Operated - LSIA)	277	Schneider	Interpolated
WL3HHR44A9SXXXXXCA/S48182	3000A (100kAIC - Drawout - Manually Operated - LSIG)	277	Schneider	Interpolated
WL3HHR33A9SXXXXXCA	3000A (65kAIC - Drawout - Manually Operated - LSI)	277	Schneider	Interpolated
WL3HHR63A3FXXXXXCA	3000A (65kAIC - Drawout - Manually Operated - LSIA)	277	Schneider	Interpolated
WL3HHR33A9SXXXXXCA	3000A (100kAIC - Drawout - Manually Operated - LSI)	277	Schneider	Interpolated
WL3HHR33A9SPBBXXCA	3000A (100kAIC - Drawout - Electrically Operated - LSI)	277	Schneider	Interpolated
WL3HHR63A3FPBBXXCA	3000A (100kAIC - Drawout - Electrically Operated - LSIA)	277	Schneider	Interpolated
WL3HHR44A9SPBBXXCA	3000A (100kAIC - Drawout - Electrically Operated - LSIG)	277	Schneider	4
YL3KKA33A9SXXXXXCA	4000A (65kAIC - Fixed Mount - Manually Operated - LSI)	279	Schneider	Interpolated
YL3KKA44A9SXXXXXCA	4000A (65kAIC - Fixed Mount - Manually Operated - LSIG)	279	Schneider	Interpolated
YL3KKA33A9SPBBXXCA	4000A (65kAIC - Fixed Mount - Electrically Operated - LSI)	279	Schneider	Interpolated
YL3KKA63A3FPBBXXCA	4000A (65kAIC - Fixed Mount - Electrically Operated - LSIA)	279	Schneider	Interpolated
YL3KKA44A9SPBBXXCA	4000A (65kAIC - Fixed Mount - Electrically Operated - LSIG)	279	Schneider	Interpolated
YL3KKA44A9SXXXXXCA	4000A (100kAIC - Fixed Mount - Manually Operated - LSIG)	279	Schneider	Interpolated
YL3KKA33A9SPBBXXCA	4000A (100kAIC - Fixed Mount - Electrically Operated - LSI)	279	Schneider	Interpolated
YL3KKA63A3FPBBXXCA	4000A (100kAIC - Fixed Mount - Electrically Operated - LSIA)	279	Schneider	Interpolated
YL3KKA44A9SPBBXXCA	4000A (100kAIC - Fixed Mount - Electrically Operated - LSIG)	279	Schneider	Interpolated
YL3KKA33A9SXXXXXCA	4000A (100kAIC - Fixed Mount - Manually Operated - LSI)	279	Schneider	Interpolated
YL3KKA63A3FXXXXXCA	4000A (65kAIC - Fixed Mount - Manually Operated - LSIA)	279	Schneider	3
YL3LLA33A9SXXXXXCA	5000A (65kAIC - Fixed Mount - Manually Operated - LSI)	279	Schneider	Interpolated
YL3LLA63A3FXXXXXCA	5000A (65kAIC - Fixed Mount - Manually Operated - LSIA)	279	Schneider	Interpolated
YL3LLA44A9SXXXXXCA	5000A (65kAIC - Fixed Mount - Manually Operated - LSIG)	279	Schneider	Interpolated
YL3LLA33A9SPBBXXCA	5000A (65kAIC - Fixed Mount - Electrically Operated - LSI)	279	Schneider	Interpolated

Table 4 - Certified Subcomponents: Breakers cont...

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
YL3LLA63A3FPBBXXCA	5000A (65kAIC - Fixed Mount - Electrically Operated - LSIA)	279	Schneider	Interpolated
YL3LLA44A9SPBBXXCA	5000A (65kAIC - Fixed Mount - Electrically Operated - LSIG)	279	Schneider	Interpolated
YL3LLA33A9SXXXXXCA	5000A (100kAIC - Fixed Mount - Manually Operated - LSI)	279	Schneider	Interpolated
YL3LLA63A3FXXXXXCA	5000A (100kAIC - Fixed Mount - Manually Operated - LSIA)	279	Schneider	Interpolated
YL3LLA44A9SXXXXXCA	5000A (100kAIC - Fixed Mount - Manually Operated - LSIG)	279	Schneider	Interpolated
YL3LLA33A9SPBBXXCA	5000A (100kAIC - Fixed Mount - Electrically Operated - LSI)	279	Schneider	Interpolated
YL3LLA63A3FPBBXXCA	5000A (100kAIC - Fixed Mount - Electrically Operated - LSIA)	279	Schneider	Interpolated
YL3LLA44A9SPBBXXCA	5000A (100kAIC - Fixed Mount - Electrically Operated - LSIG)	279	Schneider	Interpolated
YL3KKR63A3FXXXXXCA	4000A (65kAIC - Drawout - Manually Operated - LSIA)	557	Schneider	Interpolated
YL3KKR44A9SXXXXXCA	4000A (65kAIC - Drawout - Manually Operated - LSIG)	557	Schneider	Interpolated
YL3KKR33A9SPBBXXCA	4000A (65kAIC - Drawout - Electrically Operated - LSI)	557	Schneider	Interpolated
YL3KKR63A3FPBBXXCA	4000A (65kAIC - Drawout - Electrically Operated - LSIA)	557	Schneider	Interpolated
YL3KKR44A9SPBBXXCA	4000A (65kAIC - Drawout - Electrically Operated - LSIG)	557	Schneider	Interpolated
YL3KKR33A9SXXXXXCA	4000A (100kAIC - Drawout - Manually Operated - LSI)	557	Schneider	Interpolated
YL3KKR63A3FXXXXXCA	4000A (100kAIC - Drawout - Manually Operated - LSIA)	557	Schneider	Interpolated
YL3KKR44A9SXXXXXCA	4000A (100kAIC - Drawout - Manually Operated - LSIG)	557	Schneider	Interpolated
YL3KKR33A9SPBBXXCA	4000A (100kAIC - Drawout - Electrically Operated - LSI)	557	Schneider	Interpolated
YL3KKR63A3FPBBXXCA	4000A (100kAIC - Drawout - Electrically Operated - LSIA)	557	Schneider	Interpolated
YL3KKR44A9SPBBXXCA	4000A (100kAIC - Drawout - Electrically Operated - LSIG)	557	Schneider	Interpolated
YL3KKR33A9SXXXXXCA	4000A (65kAIC - Drawout - Manually Operated - LSI)	557	Schneider	3
YL3LLR33A9SXXXXXCA	5000A (65kAIC - Drawout - Manually Operated - LSI)	557	Schneider	Extrapolated
YL3LLR63A3FXXXXXCA	5000A (65kAIC - Drawout - Manually Operated - LSIA)	557	Schneider	Extrapolated
YL3LLR44A9SXXXXXCA	5000A (65kAIC - Drawout - Manually Operated - LSIG)	557	Schneider	Extrapolated
YL3LLR33A9SPBBXXCA	5000A (65kAIC - Drawout - Electrically Operated - LSI)	557	Schneider	Extrapolated
YL3LLR63A3FPBBXXCA	5000A (65kAIC - Drawout - Electrically Operated - LSIA)	557	Schneider	Extrapolated
YL3LLR44A9SPBBXXCA	5000A (65kAIC - Drawout - Electrically Operated - LSIG)	557	Schneider	Extrapolated
YL3LLR33A9SXXXXXCA	5000A (100kAIC - Drawout - Manually Operated - LSI)	557	Schneider	Extrapolated

Table 4 - Certified Subcomponents: Breakers cont...

Customer Part Number or Model Number	Rating [Amps]	Weight [lbs]	Manufacturer	UUT
YL3LLR63A3FXXXXXCA	5000A (100kAIC - Drawout - Manually Operated - LSIA)	557	Schneider	Extrapolated
YL3LLR44A9SXXXXXCA	5000A (100kAIC - Drawout - Manually Operated - LSIG)	557	Schneider	Extrapolated
YL3LLR33A9SPBBXXCA	5000A (100kAIC - Drawout - Electrically Operated - LSI)	557	Schneider	Extrapolated
YL3LLR63A3FPBBXXCA	5000A (100kAIC - Drawout - Electrically Operated - LSIA)	557	Schneider	Extrapolated
YL3LLR44A9SPBBXXCA	5000A (100kAIC - Drawout - Electrically Operated - LSIG)	557	Schneider	Extrapolated

Notes

1) **LSI** = long time, short time, instantaneous; **LSIA** = long time, short time, instantaneous, ground fault (alarm only); **LSIG** = long time, short time, instantaneous, ground fault (trip)

Table 5 - Certified Subcomponents: Transformers

Customer Part Number or Model Number	Description ^(Note 1) / Core Material	Weight [lbs]	Manufacturer	UUT
PH500AJ	CPT: 600:120Vac, 500VA/ Silicon Steel Laminations Copper Wound Coils	12	Hammond	Extrapolated
PH500MQMJ	CPT: 480:120Vac, 500VA/ Silicon Steel Laminations Copper Wound Coils	15	Hammond	4
PH1000AJ	CPT: 600:120Vac, 1000VA/ Silicon Steel Laminations Copper Wound Coils	21	Hammond	Interpolated
PH1000MQMJ	CPT: 480:120Vac, 1000VA/ Silicon Steel Laminations Copper Wound Coils	24	Hammond	
PH1500AJ	CPT: 600:120Vac, 1500VA/ Silicon Steel Laminations Copper Wound Coils	30	Hammond	
PH1500MQMJ	CPT: 480:120Vac, 1500VA/ Silicon Steel Laminations Copper Wound Coils	32	Hammond	
SP3000ACP	CPT: 480:120Vac, 3000VA/ Silicon Steel Laminations Copper Wound Coils	60	Hammond	
SP3000ACP	CPT: 600:120Vac, 3000VA/ Silicon Steel Laminations Copper Wound Coils	60	Hammond	
SP5000ACP	CPT: 480:120Vac, 5000VA/ Silicon Steel Laminations Copper Wound Coils	93	Hammond	
SP5000ACP	CPT: 600:120Vac, 5000VA/ Silicon Steel Laminations Copper Wound Coils	93	Hammond	3

Notes

1) **CT** = Current Transformer; **VT** = Voltage Transformer; **CPT** = Control Power Transformer

Table 6 - Certified Subcomponents: Surge Protective Device

Customer Part Number or Model Number	Description	Weight [lbs]	Manufacturer	UUT
TE04XAS25E1XT	250kA, 480V Surge Protective Device	24	APT	4

Table 7 - Certified Subcomponents: Controllers & Controller Components

Customer Part Number or Model Number	Description	Weight [lbs]	Manufacturer	UUT
DMC-1000	Generator Paralleling Control Panel	560	Cummins	1



UNIT UNDER TEST (UUT) SUMMARY SHEET

UUT-01

Model Line	Model Number	Manufacturer
Genset Paralleling Switchgear	GEN A 1FD	Cummins Power Generation

Product Construction Summary

12 Gauge Cold Rolled Steel NEMA 1 Enclosure

Options / Subcomponent Summary

Schneider 800A Breaker; Cummins DMC1000 Controller; Transformer; Cummins Generator Paralleling Control Panel; Square D Breaker Control Switch; Schneider Control Switch LED; Electroschwitch Automatic/Manual Switch

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
2325	48	54	90	7.5	7	>33

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 2016	ICC-ES AC156	2.00	1.00	1.50	3.20	2.40	1.33	0.53
		2.50	0.00	1.50	2.50	1.00	1.67	0.67

Test Mounting Details

Rigid Base Mount. Qty (4) 1/2" dia SAE Grade 8 bolts.



All units were filled with contents and maintained structural integrity and functionality



UNIT UNDER TEST (UUT) SUMMARY SHEET

UUT-02

Model Line	Model Number	Manufacturer
Feeder Switchgear	FDR M 1F	Cummins Power Generation

Product Construction Summary

12 Gauge Carbon Steel NEMA 1 Enclosure

Options / Subcomponent Summary

Schneider 400A Breaker; Schneider 1200A Breaker

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
1365	48	48	90	10.8	20	19

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 2016	ICC-ES AC156	2.00	1.00	1.50	3.20	2.40	1.33	0.53
		2.50	0.00	1.50	2.50	1.00	1.67	0.67

Test Mounting Details

Rigid Base Mount. Qty (4) 1/2" dia SAE Grade 8 bolts.



All units were filled with contents and maintained structural integrity and functionality



UNIT UNDER TEST (UUT) SUMMARY SHEET

UUT-03

Model Line	Model Number	Manufacturer
Utility Main and Generator Main Switchgear	UMGM A 3F	Cummins Power Generation

Product Construction Summary

12 Gauge Galvanized Steel NEMA 3 Enclosure

Options / Subcomponent Summary

Schneider 4000A Breaker; Transformer; Socomec Digital Meter; Heatrex Section Heater; Hammond Thermostat

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
4815	51	62	90	9	27.3	20.8

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 2016	ICC-ES AC156	2.00	1.00	1.50	3.20	2.40	1.33	0.53
		2.50	0.00	1.50	2.50	1.00	1.67	0.67

Test Mounting Details

Rigid Base Mount. Qty (4) 1/2" dia SAE Grade 8 bolts.



All units were filled with contents and maintained structural integrity and functionality



UNIT UNDER TEST (UUT) SUMMARY SHEET

UUT-04

Model Line	Model Number	Manufacturer
Utility Main and Generator Main Switchgear	UMGM A 3FD	Cummins Power Generation

Product Construction Summary

12 Gauge Galvanized Steel NEMA 3 Enclosure

Options / Subcomponent Summary

Schneider 4000A Breaker; Schneider 15A Control Circuit Breaker; Schneider 30A Control Circuit Breaker; Transformer; APT Surge Protective Device; Schweitzer Utility Intertie Relay; Electroschwitch Lockout Relay; ABB Test Switch

UUT Properties

Weight [lbs]	Dimensions [in]			Lowest Nat. Freq. [Hz]		
	Length	Width	Height	F-B	S-S	V
2095	51	48	90	29.3	10	>33

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 2016	ICC-ES AC156	2.00	1.00	1.50	3.20	2.40	1.33	0.53
		2.50	0.00	1.50	2.50	1.00	1.67	0.67

Test Mounting Details

Rigid Base Mount. Qty (4) 1/2" dia SAE Grade 8 bolts.



All units were filled with contents and maintained structural integrity and functionality