

APPLICATION FOR OSHPD SPECIAL SEISMIC		DFFICE USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #:	OSP – 0007
OSHPD Special Seismic Certification Preapproval (OSP)		
Type: 🗌 New 🛛 Renewal		
Manufacturer Information		
Manufacturer: _ Square D by Schneider Electric		
Manufacturer's Technical Representative: Scott Littler, Principal Tech	inical Expert	
Mailing Address: 330 Weakley Lane, Smyrna, TN 37167		
Telephone:615-459-1255Email:scott.1	ittler@se.com	
Product Information	MA	
Product Name: Power-Zone 4 (PZ-4) Switchgear Systems PD	T	
Product Type:	elow)	
Product Model Number: <u>Varies, see Attachments</u> (List all unique product identification numbers and/or part numbers) OTY J Pla General Description: <u>Low Voltage, Metal Enclosed, Drawout Switch</u> Seismic enhancements made to the test units and modifications requirests shall be incorporated into the production units.	nd gear O	omalies observed during the
Mounting Description: <u>Base mounted - rigid</u>	20	
ORNI	ODE	
Applicant Information		
Applicant Company Name: TRU Compliance, by Structural Integrity A	ssociates, Inc.	
Contact Person: Galen Reid		_
Mailing Address: _5215 Hellyer Ave., Suite 210, San Jose, CA 95138		
Telephone: _541-604-7225 Email: _greid@	<u>structint.com</u>	
I hereby agree to reimburse the Office of Statewide Health I accordance with the California Administrative Code, 2016.	Planning and De	evelopment review fees in
Signature of Applicant:		Date: _11/19/2021
Title: <u>Manager, TRU Compliance</u> Company Name: <u>TRU C</u>	compliance, by Stru	ctural Integrity Associates, Inc.
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"	AL AMAAAA	OSHPD
STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-759 (REV 12/16/15)	And h hela high	Page 1 of 3



California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)
Company Name:
Name: Andrew M. Coughlin California License Number: D6082
Mailing Address: _ 5215 Hellyer Ave., Suite 210, San Jose, CA 95138
Telephone: 844-878-0200 Email: <u>acoughlin@structint.com</u>
Supports and Attachments Preapproval
<ul> <li>Supports and attachments are preapproved under OPM- (Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required)</li> <li>Supports and attachments are not preapproved</li> </ul>
Certification Method
Image: Specify in accordance with:       Image: CC-ES AC156         Image: Other (Please Specify):       Image: OSP-0007         Image: Britistic Specify in the specific sp
Testing Laboratory DATE: 11/19/2021
Company Name: Structural and Earthquake Engineering and Simulation Laboratory (SEESL)
Contact Name:       Mark Pitman         Mailing Address:       212 Ketter Hall, North Campus, Buffalo, NY 14260
Telephone: 716-645-4377 Email: mpitman@buffalo.edu
Company Name: NTS Huntsville
Contact Name: Greg Mason
Mailing Address:7800 Highway 20 West, Huntsville, AL 35806
Telephone:   256-837-4411   Email:   Greg.mason@nts.com

"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

OSP-0007

Page 2 of 3

OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Seis	mic	Paran	neters
0010			

Design in accordance with ASCE 7-10 Chapter 13: 🛛 Yes 🗌 No
Design Basis of Equipment or Components $(F_p/W_p) = 1.22 (S_{DS} = 1.63); 0.95 (S_{DS} = 2.11)$
S <sub>DS</sub> (Design spectral response acceleration at short period, g) = <u>1.63</u> (z/h = 1); 2.11 (z/h = 0)
$a_p$ (In-structure equipment or component amplification factor) = <u>2.5</u>
R <sub>p</sub> (Equipment or component response modification factor) = <u>6.0</u>
$\Omega_0$ (System overstrength factor) = _2
I <sub>p</sub> (Importance factor) = 1.5
z/h (Height factor ratio) = <u>1 and 0</u>
Equipment or Component Natural Frequencies (Hz) = <u>See Attachment</u>
Overall dimensions and weight (or range thereof) = See Attachment
Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15:  Yes X No
Design Basis of Equipment or Components (V/W) =
S <sub>DS</sub> (Design spectral response acceleration at short period, g) =
S <sub>D1</sub> (Design spectral response acceleration at 1 second period, g) =
R (Response modification coefficient) =
$\Omega_0$ (System overstrength factor) = $PX$ Timothy   Piland
Ω₀ (System overstrength factor) = <u>By:Timothy J Piland</u> C₄ (Deflection amplification factor) =
I <sub>P</sub> (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): <u>Product Matrices</u>
OSHPD Approval (For Office Use Only) – Approval Expires on November 19, 2027
Signature: Date: November 19, 2021
Print Name: Timothy J. Piland Title: SSE
Special Seismic Certification Valid Up to: S <sub>DS</sub> (g) = <u>See Above</u> z/h = <u>See Above</u>
Condition of Approval (if applicable):
"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) Page 3 of 3



### 1800555-CR-001 R0

Manufacturer:	Square D by Schneid						TABL	 F 1
Model Line:	Power-Zone 4 (PZ-4) Switchgear Systems							
Certified Product Con	-							
NEMA Type 1 enclosu	res constructed of carb	on steel with	i powder-o	coated fini	sh.			
Certified Options Sun	•							
	Distribution and Auxilla only. Maximum 600 VA			•		kers 1600-	6000A, main bus an	npacity
fatting for copper bus		С. АНЗГТУРС	ZD AIL NE.	SISUIIgiliu	UUI Taung			
Mounting Configurat	ion:	-0	RCOL	DFA				
Base Mounted - Rigid	(Standalone)	OFU			L			
Note: Installed mounting c	onfiguration must be of simi	ilar configuratio	n and equiva	alent strengt	n and stiffnes	s to those te	sted.	
Building Code: CBC 2	019	Seismic C	Certificatio	on Limits:	40	1.63g z 2.11g z		= 1.5
	R	Dir	Dimensions (in) 7		Weight	C.G.		
Model Line	Model	Depth	Width	Height	(lb)	Height	Notes	UUT
		By54 in	10t <sup>22</sup> V .	91.5	2635	<mark>48</mark> .5		Extrap.
	22W	60	22	91.5	2685	4 <mark>3.</mark> 5	UUT1: 2515 lbs.	1,6
	2200	72	1 1 22 0/	91.5	2700	<mark>48</mark> .5		Interp.
		80 <sup>E</sup>	22	91.5	2750	<mark>4</mark> 8.5		Interp.
	Y	54	30	91.5	3100	48.5		Interp.
	30W	60	30	91.5	3200	48.5		Interp.
	5000	72	30	91.5	3300	48.5		Interp.
Power - Zone 4		80/2	30	91.5	3400	48.5		Interp.
Low-Voltage		54	DG6LL	91.5	3500	48.5		Interp.
Switchgear*		60	36	91.5	3600	48.5		Interp.
	36W	72	36	91.5	3040	44.0		2
		72	36	91.5	3900	48.5		Interp.
		80	36	91.5	4185	48.5		8
		54	48	91.5	3800	48.5		Interp.
	48W	60	48	91.5	3850	48.5		Interp.
	4000	72	48	91.5	3930	46.0		3
		80	48	91.5	4000	48.5		Extrap.

#### \*Notes:

1. Section Types: Main and Tie, Feeder Distribution, and Auxiliary

2. Main bus ampacity rating for copper bus only.

3. Dimensions and weights are for individual sections. Section types may be installed alone or bayed together.

4. Optional roof exhaust plenum assembly adds 15" to section height and optional roof exhaust baffle adds 8" to section height

5. NEMA Enclosure Type 1 is constructed of carbon steel sheet with powder-coated finish.



### 1800555-CR-001 R0

Manufacturer:	Square D by Schneid	ler Electric					TABL	F 7
Model Line:	Power-Zone 4 (PZ-4) Switchgear Systems							
Certified Product Con								
NEMA Type 1 enclosu	res constructed of carb	oon steel with	ו powder-o	coated fini	sh.			
Certified Options Sun	nmarv:							
-	Distribution and Auxilla	ary Switchge	ar with Ma	sterpact C	ircuit Brea	kers 1600-	-6000A, main bus an	npacity
	only. Maximum 600 VA			•			···· ,	
-	-							
Mounting Configurat	ion:	-0	RCOL	DEO				
Base Mounted - Rigid		OFU		0.7	4.			
Note: Installed mounting c	onfiguration must be of simi	ilar configuratio	on and equiva	alent strengt	and stiffnes	s to those te	sted.	
Duilding Code, CBC 2	010	Colomic (	- tificati	PD	S <sub>DS</sub> =	1.63 g z	r/h=1.0	= 1.5
Building Code: CBC 2	019	Seismic	Certificatio	on Limits:	S DS=	2.11g z	r/h=0.0	- 1.5
Model Line	Model	Dimensions (in) 7		Weight	C.G.	Notes	UUT	
MUGELEITE	Model	Depth	Width	Height	(lb)	Height	MULES	
		By54 in	not <sup>22</sup> V	91.5	2635	<mark>48</mark> .5		Extrap.
	22W	60	22	91.5	2685	4 <mark>3</mark> .5	UUT7: 2515 lbs.	7
	2200	72	11220/	91.5	2700	<mark>48</mark> .5		Interp
		80	22	91.5	2750	48.5		Interp
	T	54	30	91.5	3100	48.5		Interp
		60	30	91.5	3200	48.5		Interp
	30W	72	-30	91.5	3300	48.5		Interp
Power - Zone 4		80/	30	91.5 🔾	2440	48.5		4
Low-Voltage		80	C GOL	91.5	3400	48.5		Interp
Switchgear*		54	36	91.5	3500	48.5		Interp
0		60	36	91.5	3600	48.5		Interp
	36W	72	36	91.5	3515	44.0		7
		72	36	91.5	3900	48.5		Interp
		80	36	91.5	4185	48.5	UUT4: 3515 lbs.	4
		54	48	91.5	3800	48.5		Extrap
	48W	60	48	91.5	3850	48.5		Extrap
		72	48	91.5	3930	48.5		Extrap
		80	48	91.5	3930	48.5		Extrap

\*Notes:

1. Section Types: Main and Tie, Feeder Distribution, and Auxiliary

2. Main bus ampacity rating for copper bus only.

3. Dimensions and weights are for individual sections. Section types must be installed in a bayed configuration.

4. Optional roof exhaust plenum assembly adds 15" to section height and optional roof exhaust baffle adds 8" to

section height

5. NEMA Enclosure Type 1 is constructed of carbon steel sheet with powder-coated finish.

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Manufacturer: Model Line:	Square D by Schneider Elec Power-Zone 4 (PZ-4) Switch		Table Description: Circuit Breakers		TABL	E 3
Building Code: CBC 20		Seismic Certificati	fon Limits: $S_{DS} = 1.63 g z/h = 1.0$ $S_{DS} = 2.11 g z/h = 0.0$	I <sub>P</sub> = 1.5		
Component Type	Manufacturer	Model	RCODEDescription	Configuration	Weight	UUT
		MTZ1 08	800A T-Frame		40 lbs.	Interp
MTZ1 Breakers	Schneider Electric	MTZ1 12	1200A T-Frame	3 Pole	40 lbs.	4
		MTZ1 16	1600A T-Frame		40 lbs.	Interp
		NT08	800A T-Frame		40 lbs.	4
T-Frame Breakers Schneid	Schneider Electric	NT12	1200A T-Frame	3 Pole	40 lbs.	Interp
		NT16 <sub>BV</sub> .Ti	1600A-T-Frame		40 lbs.	Inter
		MTZ2 08	800A MTZ2 Frame		109 lbs.	Inter
		MTZ2 16	1600A MTZ2 Frame		109 lbs.	Inter
MTZ2 Breakers	Schneider Electric	MTZ2 20 DATE	2000A MTZ2 Frame	3 Pole	109 lbs.	Inter
		MTZ2 32	3200A MTZ2 Frame		127 lbs.	7
		MTZ2 40	4000A MTZ2 Frame		127 lbs.	Inter
		NW08	800A W-Frame		109 lbs.	1,6,7
		NW16	1600A W-Frame		109 lbs.	Inter
W-Frame Breakers	Schneider Electric	NW20	2000A W-Frame	3 Pole	109 lbs.	1,4,6
		NW32	3200A W-Frame		127 lbs.	7
		NW40	4000A W-Frame		127 lbs.	Inter
		MTZ2 08	800A MTZ2 Frame		142 lbs.	Inter
		MTZ2 16	1600A MTZ2 Frame	7 [	142 lbs.	Inter
MTZ2 Breakers	Schneider Electric	MTZ2 20	2000A MTZ2 Frame	4 Pole	142 lbs.	Inter
		MTZ2 32	3200A MTZ2 Frame	7 [	165 lbs.	Inter
		MTZ2 40	4000A MTZ2 Frame		165 lbs.	Inter





anufacturer: Square D by Schneider Electron Square D by Schneider Electron Sodel Line: Power-Zone 4 (PZ-4) Switch			TABLE 3				
Building Code: CBC 2019			Seismic Certification Limits: $S_{DS} = 1.63 g z/h = 1.0$ $S_{DS} = 2.11 g z/h = 0.0$				
Component Type	Manufacturer	Model	<b>DRCODE</b> Description	Configuration	Weight	UUT	
		NW08	800A W-Frame	•	142 lbs.	Interp	
		NW16	1600A W-Frame		142 lbs.	Interp	
W-Frame Breakers	Schneider Electric	NW20	2000A W-Frame	4 Pole	142 lbs.	10	
		NW32	3200A W-Erame		165 lbs.	Interp	
	NW40         4000A W-Frame           MTZ3 40         BY-Ti         4000A-MTZ3 Frame		165 lbs.	Interp			
		MTZ340 Ry.Ti	4000A-MTZ3 Frame	6 Pole	227 lbs.	Interp	
MTZ3 Breakers	Schneider Electric	MTZ3 50	5000A MTZ3 Frame		227 lbs.	7,8	
		MTZ3 60	6000A MTZ3 Frame		227 lbs.	Interp	
		NW40 DATE	4000A Y-Frame		227 lbs.	Interp	
Y-Frame Breakers	Schneider Electric	NW50	5000A Y-Frame	6 Pole	227 lbs.	2,4	
		NW60	6000A Y-Frame		227 lbs.	Interp	
		MTZ3 40	4000A MTZ3 Frame		300 lbs.	Interp	
MTZ3 Breakers	Schneider Electric	MTZ3 50	5000A MTZ3 Frame	8 Pole	300 lbs.	Interp	
		MTZ3 60	6000A MTZ3 Frame		300 lbs.	Extrap	
		NW40	4000A Y-Frame		300 lbs.	Interp	
Y-Frame Breakers	Schneider Electric	NW50	5000A Y-Frame	8 Pole	300 lbs.	3	
		NW60	6000A Y-Frame		300 lbs.	Extrap	



#### 1800555-CR-001 R0

Manufacturer: Model Line:		Square D by Schneider Electric <b>Table Description:</b> Control Power TransformersPower-Zone 4 (PZ-4) Switchgear Systems				
Building Code: CBC 2019		Seismic Certificati	I <sub>P</sub> = 1.5			
Component Type	Manufacturer	Model	RCODEDescription	Not	es UUT	
		9070T500D1	0.5 kVA, Single Phase, Cu windings, 13 lbs.		Extrap	
		9070T1000D1	1 kVA, Single Phase, Cu windings, 22 lbs.		3,7	
		9070 <mark>T2000</mark> D1	2 kVA, Single Phase, Cu windings, 49 lbs.		Interp	
<b>Control Power</b>		907 <mark>0T30</mark> 00D1	3 kVA, Single Phase, Cu windings, 66 lbs.		2	
Transformers	Square D —	5S1HFOC	5 kVA, Single Phase, Al windings <mark>, 66 lb</mark> s.		4	
		7S1HFOC RY.Ti	7.5 kVA, Single Phase, Al windings, 80 lbs.		2	
		10S1HFOC	10 kVA, Single Phase, Al windings, 140 lbs.		3	
		EE15S3HOC	15 kVA, Single Phase, Al windings, 140 lbs.		4,8,9	
		DATE	11/19/2021			
		9	4			
		0	St.			
		, TNI				
			BUILDING			

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#### 1800555-CR-001 R0

Manufacturer: Model Line:	Square D by Schneider El Power-Zone 4 (PZ-4) Swi		Table Description: Accessories     TABLE 5		
Building Code: CBC 2019		Seismic Certificat	ion Limits: $S_{DS} = 1.63 g z/h = 1.0$ $S_{DS} = 2.11 g z/h = 0.0$	I <sub>P</sub> = 1.5	
Component Type	Manufacturer	Model	RCODEDescription	Note	s UUT
Traveling Lifter Assembly	Square D	80280-051-5X	Overhead traveling breaker lifter		2
Plenum Assembly	Square D	15"	roof exhaust plenum (adds 15" to height)		9
Baffle Assembly	Square D	<u> </u>	roof exhaust baffle (adds 8" to height)		6
			III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		
		By·Ti	mothy J Piland		
		DATE	11/19/2021		
		DATE			
		0	Dr.		
			BUILDING		
			SOILDIR		

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2	4 - 4 High Feeder Section, 5kA PZ4 - Main Section, 5kA, 3P PZ4 - Main Section, 5kA, 4P	1900465-TR-001 R1 1900465-TR-001 R1	SEESL	1.65 2.50 1.65	1	- 1.5	
2	PZ4 - Main Section, 5kA, 3P				0		
3		1900465-TR-001 R1	SEESI	1 65			
3			JEEJL		1	1.	
	DZ4 Main Section Elva 4D			2.50	0		
	P74 - Main Sechon, SKA, 4P	1900465-TR-001 R1	SEESL	1.65	1	1.	
4 PZ				2.50	0		
	4 - Main & Feeder Lineup, 5kA	1900465-TR-001 R1	SEESL	1.63	1	1.	
	PZ4 - Main & Feeder Lineup, SKA		ON	2.50	0	1.	
6	Arc Resisting PZ4 - Feeder Section, 5kA 1900465-TR-001 R1 SEESL		SEESI	1.63	1	1.	
0			SELSE	2.50	0	1.	
7	Arc Resisting PZ4 - Main & 1900465-TR-001 R1		SEESL	2.00	1	1.5	
1	Feeder Lineup, 5kA	USP-0007	JELJE	2.50	0	1.	
8	Arc Resisting PZ4 - Feeder	Arc Resisting PZ4 - Feeder	10004CE TD 001 D1	SEESL	1.65	1	1.5
0	Section, 5kA	By Timothy J Pil	and	2.50	0	1.5	
0	Section, 5kA     1900465-TR-001       Arc Resisting PZ4 - Feeder     71052R13 (UUT)	Arc Posisting P74 - Fooder	71052012 (11172)	Wyle	2.11	1	1
9		DATE: 11/19/2021	Wyle	2.11	0	1.	
10 (	QED-2 LV Switchboard, 2kA			1.65	1	1	
10	Draw-out ATS	PR077369-TR-18 (UUT1)	NTS Huntsville	2.50	0	1.	
		COR.	CODE.2				
		ORNIA BUILDING					



Manufacturer:	Square D	by Schneider Electric								-
Model Line:	Power-Zo	one 4 (PZ-4) Switchgea	ar System	IS					JUT	L
Model Number:	PZ4 - 4 Hi	gh Feeder Section, 5k	κA		Serial Nu	ımber:	4132471	8-001		
Product Construct	tion Summary:									
Carbon steel enclo	osure with pow	der coated finish.								
Options/Subcomp										
(2) Masterpact NW	08H1, (2) Maste	erpact NW20H1								
			ORC	ODF						
		EDF	ORC		OMP					
		4 North	~~-	operties		2				
Weight		Dimension (in)				Lowes	st Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSR	eight 07	Front	-Back		-Side	1	tical
2515	60	22		1.5	9	.1	5	.8	25.1	
		UUT Highest	Passed S	eismic Run	Informa	tion				
Buildin	g Code	<b>Test Criteria</b>		S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2	2019	ICC-ES AC156 (2018)		9/2652	1.0	1.5	2.64	1.98	1.67	0.67
Test Mounting Dea				2.5	0.0	$\lambda \alpha$				
				A						



#### 1800555-CR-001 R0

	Square D	by Schneider Electric	С							•
Model Line:	Power-Zo	one 4 (PZ-4) Switchge	ar Syster	ns					JUT	2
Model Number:		n Section, 5kA, 3P	-		Serial Nu	mber:	4132471	8-002		
Product Construe										
		der coated finish.								
Options/Subcom										
Masterpact NW50	L1, 3kVA Contro	l Power Transformer	r 9070T30	00D1, 7.5kV	A Control	Power T	ransform	er 7S1HF	C	
			ORC	ODEA						
		EDI		ODEC	M					
		NE	~~							
			UUTP	UUT Properties						
Weight (lb)	Denth	Dimension (in)		.0007			t Natural	-		• I
	Depth	Width OS Height 07		Front-Back		Side-Side		<b>Vertical</b> 32.1		
3040	72	36		91.5	10.4 Information		5	5.8 3		2.1
Buildir	a Code	Test Crite		S <sub>DS</sub> (g)	z/h		<b>A</b> (g)	A (g)	Δ (σ)	A ()
Building Code				J <sub>DS</sub> (g)	1.0	Р	AFLX-H (B)	ARIG-H (B)	A <sub>FLX-V</sub> (g)	ARIG-V (
CBC	2019	ICC-ES AC156 (2018) / 2.5			0.0	1.5	2.64	1.98	1.67	0.67
Test Mounting De	tails:	C		+		2				
est mounting be	cuns.	T			-	0				
					THE OWNER WHEN	V				
			and the state		A A	· L				
		TAL	1 Mar	and the second s	COV					
			A BH	INNG						
						T				
			12			-1-				
			PIE	Contract of Contract	19-1					
			1.1							
		and the second division of the local divisio	and the second second	Person pro-		10-				
		1			P					
		-								
		-	1		P	語				
		-								
			-		K					
		-								
			-							
UUT was rigid ba	se mounted usin	og (6) 1/2"-13 Grade 5	5 bolts.							
-		ng (6) 1/2"-13 Grade 5 ity and remained fun		er manufact	urer reau	lirement	after shal	ke table to	est.	
Jnit maintained s	structural integri	ng (6) 1/2"-13 Grade 5 ity and remained fun g per operating condi	nctional p	er manufact	curer requ	iirement	after shak	ke table to	est.	



#### 1800555-CR-001 R0

Model Line:	Square D	by Schneider Electric	с					Ι.		_
	Power-Zo	one 4 (PZ-4) Switchge	ear Systen	าร				(	JUT	3
Model Number:		n Section, 5kA, 4P			Serial Nu	umber:	4132471	8-003		
Product Constru										
	-	der coated finish.								
Options/Subcom	-	-	~ 0070T10	0001 104	A Control	Doword		or 100111	-00	
Masterpact NW50	JHZ, IKVA CONTR	ol Power Transforme	9070110	100D1, 10KV	A Control	Power	ransiorme	er 1021Hi	-00	
				0.0.0						
			ORC	UDE C	0.					
		IED		ODEC	MS,					
				roperties		-				
Weight	Weight Dimension (in)					Lowes	st Natural	Frequen	cy (Hz)	
(lb)	Depth	<b>Width</b>			Front-Back		1	-Side	Vertical	
3930	72	48		91.5	11.9		4.7		25.2	
		UUT Highes	t Passed S	Seismic Run	Informa	tion				
Building Code		O Test Crite	eria S <sub>DS</sub> (g)		z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (§
CBC	2019		ICC-ES AC156 (2018) / 1 9/2,652		1.0	1.5	2.64	1.98	1.67	0.67
CDC	. 2019			2.5	0.0	1.5	2.04	1.50	1.07	0.07
Test Mounting Do	etalis:	Eth-			7	nº/				
rest mounting D	etans:			IPING I		201				
		bg (6) 1/2"-13 Grade F	a holts	PING		201				
UUT was rigid ba	se mounted usir	ng (6) 1/2"-13 Grade 5		er manufact	urer redu	uirement	after shal	<e t<="" table="" td=""><td>est.</td><td></td></e>	est.	





Manufacturer:	Square D b	y Schneider Electric								л
Model Line:	Power-Zon	e 4 (PZ-4) Switchgea	r System	S					JUT	4
Model Number:	PZ4 - Main	& Feeder Lineup, 5k/	٩		Serial Nu	mber:	4132471	8-004		
<b>Product Construc</b> Carbon steel encl	-	er coated finish.								
	L1, Masterpact N	<b>r:</b> W20H1, Masterpact I r Transformer EE15S	S3HOC		MTZ1-12	L1, 5kVA	Control P	ower Tra	nsformer	
		- Line		operties		7				
Weight		Dimension (in)	00777	opercies		Lowes	t Natural	Frequen	cv (Hz)	
(lb)	Depth	Width	OSHe	ight07	Front	-Back		-Side	Vertical	
5955	80	66		1.5	9.	1100/D		.4	27.1	
		UUT Highest			777	XXXXX		-		-
Buildin	g Code	Test Criter	<del>mour</del>	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
	2019	ICC-ES AC156 (	2018)/1	$\frac{1.63}{2.5}$	1.0 0.0	1.5	2.61	1.96	1.67	0.67
Test Mounting De						20				
Unit maintained s	tructural integrit	; (12) 1/2"-13 Grade 5 y and remained func per operating condit	tional pe		-		after shak			



### 1800555-CR-001 R0

Manufacturer:	Square D	by Schneider Electric	С							~
Model Line:	Power-Zo	ne 4 (PZ-4) Switchge	ear System	IS					JUT	6
Model Number:	Arc Resist	ing PZ4 - Feeder Sec	tion, 5kA		Serial Nu	ımber:	4132471	8-005		
Product Construc		-	· · ·							
Carbon steel encl										
Options/Subcom		-								
(2) Masterpact NV	708H1, (2) Maste	erpact NW20H1, Roof	r Battle 80.	280-029-50						
			20	ODE						
		2 F	ORC	ODE C	01.					
		NED			OMP					
				operties		Z				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width OS Height		eight 07	Front	-Back	Side-Side		Vertical	
2685	60	22		1.5	7.1		2.3		20.8	
		UUT Highest		<del>, v</del>			1	1	1	
Buildin	g Code	<b>Test Crite</b>	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	А <sub>rig-н</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (
CBC	2019	ICC-ES AC156 (2018) / 1 9/1,63 2.5		1.0	1.5	2.61	1.96	1.67	0.67	
Test Mounting De				2.5	0.0	$\sqrt{\alpha}$				
			1/IRRANS	39 IQ						
	<b>.</b> .									
-		ng (4) 1/2"-13 Grade 5		<i>c</i> .			6 I I			
unit maintained s										
	-	ity and remained fun gper operating condi		er manufact	urer requ	urement	after shak	table t	est.	



### 1800555-CR-001 R0

Manufacturer:	Square D b	y Schneider Electric								7
Model Line:	Power-Zon	ne 4 (PZ-4) Switchgea	ar System	าร				Ľ	JUT	1
Model Number:	Arc Resisti	ng PZ4 - Main & Feed	ler Lineu	p, 5kA	Serial Nu	ımber:	3281685	4-001		
<b>Product Construct</b> Carbon steel enclo		er coated finish.								
<b>Options/Subcomp</b> Masterpact MTZ3- Power Transforme	50 H, Masterpac	t MTZ2-32 H3, (2) Ma	sterpact		lasterpact		2, Masterp	pact NW08	3H1, 1kVA	Control
		4	UUT P	roperties		7				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cv (Hz)	
(lb)	Depth	Width OS Height 07		eight 07	Front	-Back	1	-Side	Vertical	
6023	72	58		91.5	8	.5	4	.0	20.4	
•		UUT Highest	Passed S	eismic Run	Informa	tion				
Building	g Code	Test Criter	'ia	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	2019	ICC-ES AC156 (2018) / 1 2.5		1.0 0.0	1.5	3.2	2.4	1.67	0.67	
Test Mounting De										
Unit maintained st	tructural integrit	g (8) 1/2"-13 Grade 5 y and remained func per operating condit	ctional pe	er manufac	turer requ	iirement	after shal	ke table te	est.	



### 1800555-CR-001 R0

Manufacturer:	Square D	by Schneider Electric	2					_		-
Model Line:	•	ne 4 (PZ-4) Switchge		IS				(	JUT	8
Model Number:		ing PZ4 - Feeder Sect	-		Serial Nı	ımber:	3123200	9-002		
Product Construc		0	,							
Carbon steel enclo	-	der coated finish.								
Options/Subcom	onent Summar	<i>'V</i> :								
		trol Power Transforr	ner EE159	S3HOC						
		E	ORC	ODEC	0.					
		NEDI		ODE C	MS,					
		4	UUT P	operties		P				
Weight		Dimension (in)				1		quency (Hz)		
(lb)	Depth	Width	OSH	eight)() /	Front	-Back	Side-Side		Vertica	
4185	80	36		91.5		9.9		.1	26.6	
		UUT Highest		eismic Run	Informa	tion		1	1	
Buildin	g Code	<b>O</b> Test Crite	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (
CBC	2019	ICC-ES AC156	(2018)/1	9/2.652	1.0	1.5	2.64	1.98	1.67	0.67
				2.5	0.0					
				LDING	A					
				S. Alterio	and the second	44				



#### 1800555-CR-001 R0

Model Line:	Square D	by Schneider Electric	2							•
	Power-Zo	one 4 (PZ-4) Switchge	ar System	S					JUT	9
Model Number:	Arc Resist	ing PZ4 - Feeder Sec	tion, 5kA v	v/plenum	Serial Nu	ımber:	3123200	9-002		
Product Construe	tion Summary:									
Carbon steel encl	osure with powe	der coated finish.								
Options/Subcom	ponent Summai	ry:								
Roof exhaust plei		-								
		E	ORC	ODEC						
		IED		ODEC	Ms,					
		- LAN		operties		7				
Weight					st Natural	Frequen	icy (Hz)			
(lb)	Depth	Width OS Height 07		Front	-Back	Side	-Side	Ver	tical	
4125	80	36 91.5		11.2		7.5		>33.3		
		UUT Highest		<del>,</del>				1		
Buildir	ng Code	Test Crite	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC	2019	ICC-ES AC156 (2018) / 1 2.11		1.0 0.0	1.5	3.38	2.53	1.41	0.57	
Test Mounting De				2.11	0.0	$\sqrt{\alpha}$				
cot mounting 20		T'ANI				R				
		100		The state of the s	OV	1				
			P	State of Local State						
		11/1/1	ARII	PING	24					
			ABUI	-pmp						
		A NOT	ABU	EDING	2					
			A BUI	C PARG	P.					
			ABU		PX 7					
			ABU							
			ABU							
			ABU							
			ABU							
			ABU							
			ABU							
			ABU							
			ABU							
-		pg (6) 1/2"-13 Grade 5								
Unit maintained s	structural integr	ng (6) 1/2"-13 Grade 5 ity and remained fun g per operating condi	ctional pe	r manufact	curer requ	uirement	: after shal	ke table te	est.	



### 1800555-CR-001 R0

Manufacturer:	Square D	by Schneider Electri	ic					.		•
Model Line:	QED-2 Sw	itchboard						U	UT 1	.U
Model Number:	QED-2 LV	Switchboard, 2kA D	raw-out A	TS	Serial Nı	ımber:	4066309	0-001		
<b>Product Construc</b> Carbon steel enclo	-	der coated finish.								
<b>Options/Subcomp</b> (2) Masterpact NW		-	ORC	ODE C	0.					
		ENED			Mp	4				
UUT Properties Weight Dimension (in)						Lowes	t Natural	Frequen	cv (Hz)	
(lb)	Depth	Width			Front-Back		Side-Side		Vertical	
1723	48	36		91.5	9.0		4.2		26.0	
		UUT Highes	t Passed	Seismic Run	Informa	tion				
Buildin	g Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (
CBC	2019	ICC-ES AC156	6 (2018) /	$19/\frac{1.65}{2.5}$	1.0 0.0	1.5	2.64	1.98	1.67	0.67
				ILDING	CODE CODE					
-	tructural integri	g (6) 1/2"-13 Grade ty and remained fu	nctional p	er manufact	turer requ	uirement	after shal	ke table te	est.	