



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

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

OFFICE USE ONLY

APPLICATION #: **OSP – 0199 – 10**

**OSHPD Special Seismic Certification Preapproval (OSP)**

Type:  New  Renewal

**Manufacturer Information**

Manufacturer: Schneider Electric

Manufacturer's Technical Representative: Reginald Marinas

Mailing Address: 1555 Bayshore Highway, Suite 200, Burlingame, CA 94010

Telephone: (650) 616-7416 Email: reginald.marinas@schneider-electric.com

**Product Information**

Product Name: Temperature Control Panels

Product Type: Control Panels

Product Model Number: See I. Certified Product Table attached  
(List all unique product identification numbers and/or part numbers)

General Description: Schneider Electric temperature control panels contain Schneider controllers and network equipment for the management of mechanical units. These components are installed in NEMA Types 1, 3R, 4, or 12 wall-mounted enclosures.

Mounting Description: Rigid wall mounted

**Applicant Information**

Applicant Company Name: Schneider Electric

Contact Person: Paul Vitale

Mailing Address: 1555 Bayshore Highway, Suite 200, Burlingame, CA 94010

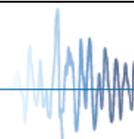
Telephone: (650) 616-7420 Email: Paul.vitale@schneider-electric.com

I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2013.

Signature of Applicant:  Date: 5/9/2013

Title: Operations Manager Company Name: Schneider Electric

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





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

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

Company Name: Forell/Elsesser Engineers, Inc.

Name: Marco Scanu, SE California License Number: S4454

Mailing Address: 160 Pine St., 6<sup>th</sup> Flr., San Francisco, CA 94111

Telephone: (415) 837-0700 Email: m.scanu@forell.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: National Technical Systems

Contact Name: Deepa Shetty

Mailing Address: 38995 Cherry Street, Newark, CA 94560

Telephone: (510) 578-3500 x2105 Email: deepa.shetty@nts.com





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**Seismic Parameters**

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

Design Basis of Equipment or Components ( $F_p/W_p$ ) = 1.88

$S_{DS}$  (Design spectral response acceleration at short period, g) = 2.5

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

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

$\Omega_0$  (System overstrength factor) = 2.5

$I_p$  (Importance factor) = 1.5

$z/h$  (Height factor ratio) = 1.0

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

Overall dimensions and weight (or range thereof) = See attachment, "I. Certified Product Table"

Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15:  Yes  No

Design Basis of Equipment or Components ( $V/W$ ) = \_\_\_\_\_

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

$S_{D1}$  (Design spectral response acceleration at 1 second period, g) = \_\_\_\_\_

R (Response modification coefficient) = \_\_\_\_\_

$\Omega_0$  (System overstrength factor) = \_\_\_\_\_

$C_d$  (Deflection amplification factor) = \_\_\_\_\_

$I_p$  (Importance factor) = 1.5

Height to Center of Gravity above base = \_\_\_\_\_

Equipment or Component Natural Frequencies (Hz) = \_\_\_\_\_

Overall dimensions and weight (or range thereof) = \_\_\_\_\_

Tank(s) designed in accordance with ASME BPVC, 2010:  Yes  No

**List of Attachments Supporting Special Seismic Certification**

Test Report(s)  Drawings  Calculations  Manufacturer's Catalog

Other(s) (Please Specify): I. Certified Product Table, II. Certified Subcomponents Table, III. UUT Summary Sheets

**OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2019**

Signature: 

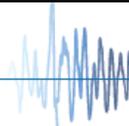
Date: May 9, 2013

Print Name: Timothy J. Piland

Title: SSE

Special Seismic Certification Valid Up to :  $S_{DS}$  (g) = 2.5  $z/h$  = 1.0

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



## Schneider Electric - Temperature Control Panels

### I. Certified Product Table

Schneider Electric Temperature Control Panels are customizable control panels comprised of the Certified Subcomponents Table (see next page). The following Certified Product Table is the certified range of complete control panels containing the certified subcomponents.

#### Temperature Control Panels With Hoffman Enclosures

Width	Height	Depth	Max. Weight	Tested	Notes
8.0 in	8.0 in	6.0 in	278 lbs	R83579 UUT1	1,2,3,4
8.0 in to 60.0 in	8.0 in. to 36.0 in	6.0 in to 12.0 in	278 lbs	Interpolated	1,2,3,4
60.0 in	36.0 in	12.0 in	278 lbs	R83579 UUT3	1,2,3,4
8.0 in to 48.0 in	8.0 in. to 36.0 in	12.0 in to 17.25 in	246 lbs	Interpolated	1,2,3,4
48.0 in	36.0 in	17.25 in	246 lbs	R83579 UUT2	1,2,3,4

#### Temperature Control Panels With Unity Enclosures

Width	Height	Depth	Max. Weight	Tested	Notes
12.0 in	12.0 in to 16.0 in	6.0 in	278 lbs	Extrapolated	4,5,6
12.0 in	16.0 in	6.0 in	278 lbs	R91329 UUT1	4,5,6
12.0 in to 30.0 in	12.0 in to 48.0 in	6.0 in to 10.0 in	278 lbs	Interpolated	4,5,6
30.0 in	48.0 in	10.0 in	278 lbs	R91329 UUT2	4,5,6

#### Notes

1. Enclosures may be NEMA Types 1, 3R, 4, or 12. NEMA 3R, 4, or 12 are for outdoor use and have an overhang drip-shield top. NEMA 4 enclosures also have a gasket.
2. Enclosures are 16ga, 14ga, or 12 ga cold-formed carbon steel.
3. Enclosure includes fans.
4. Rigidly wall-mounted.
5. Enclosures may be NEMA Types 1, or 3R. NEMA 3R are for outdoor use and have an overhang drip-shield top. Knockout options are not covered by the OSP.
6. Enclosures are 16ga or 14ga cold-formed carbon steel.

## Schneider Electric - Temperature Control Panels

### II. Certified Subcomponents Table

#### Enclosures

Width	Height	Depth	Manufacturer	Part Number	Tested
8.0 in	8.0 in	6.00 in	Hoffman	A8N86/A8R86HCR	R83579 UUT1
10.0 in	8.0 in	6.00 in	Hoffman	A10N86/A10R86HCR	Interpolated
10.0 in	10.0 in	6.00 in	Hoffman	A10N106	Interpolated
12.0 in	10.0 in	6.00 in	Hoffman	A12N106/A12R106HCR	Interpolated
12.0 in	12.0 in	6.00 in	Hoffman	A12N126/A12R126HCR/CSD12126/CSD12126LG	Interpolated
14.0 in	12.0 in	6.00 in	Hoffman	A14N126	Interpolated
16.0 in	12.0 in	6.00 in	Hoffman	A16N126/A16R126HCR/CSD16126/CSD16126LG	Interpolated
20.0 in	12.0 in	6.00 in	Hoffman	A20N126	Interpolated
16.0 in	16.0 in	6.00 in	Hoffman	A16R166HCR/CSD16166/CSD16166LG	Interpolated
20.0 in	16.0 in	6.00 in	Hoffman	A20R166HCR/CSD20166/CSD20166LG	Interpolated
24.0 in	16.0 in	6.00 in	Hoffman	CSD24166/CSD24166LG	Interpolated
18.0 in	18.0 in	6.00 in	Hoffman	A18R186HCR	Interpolated
16.0 in	20.0 in	6.00 in	Hoffman	CSD16206/CSD16206LG	Interpolated
20.0 in	20.0 in	6.00 in	Hoffman	CSD20206/CSD20206LG	Interpolated
24.0 in	20.0 in	6.00 in	Hoffman	CSD24206/CSD24206LG	Interpolated
16.0 in	12.0 in	6.62 in	Hoffman	A16N12ALP	Interpolated
16.0 in	16.0 in	6.62 in	Hoffman	A16N16ALP	Interpolated
16.0 in	20.0 in	6.62 in	Hoffman	A16N20ALP	Interpolated
20.0 in	16.0 in	6.62 in	Hoffman	A20N16ALP	Interpolated
20.0 in	20.0 in	6.62 in	Hoffman	A20N20ALP	Interpolated
24.0 in	16.0 in	6.62 in	Hoffman	A24N16ALP	Interpolated
24.0 in	20.0 in	6.62 in	Hoffman	A24N20ALP	Interpolated
24.0 in	24.0 in	6.62 in	Hoffman	A24N24ALP	Interpolated
30.0 in	24.0 in	6.62 in	Hoffman	A30N24ALP	Interpolated
36.0 in	24.0 in	6.62 in	Hoffman	A36N24ALP	Interpolated
36.0 in	30.0 in	6.62 in	Hoffman	A36N30ALP	Interpolated
12.0 in	12.0 in	8.00 in	Hoffman	A12N128	Interpolated
14.0 in	12.0 in	8.00 in	Hoffman	A14N128	Interpolated
16.0 in	12.0 in	8.00 in	Hoffman	CSD16128/CSD16128LG	Interpolated
16.0 in	16.0 in	8.00 in	Hoffman	CSD16168/CSD16168LG	Interpolated
20.0 in	16.0 in	8.00 in	Hoffman	CSD20168/CSD20168LG	Interpolated
24.0 in	16.0 in	8.00 in	Hoffman	CSD24168/CSD24168LG	Interpolated
16.0 in	20.0 in	8.00 in	Hoffman	CSD16208/CSD16208LG	Interpolated
20.0 in	20.0 in	8.00 in	Hoffman	A20R208HCR/CSD20208/CSD20208LG	Interpolated
24.0 in	20.0 in	8.00 in	Hoffman	A24R208HCR/CSD24208/CSD24208LG	Interpolated
30.0 in	20.0 in	8.00 in	Hoffman	CSD30208/CSD30208LG	Interpolated
20.0 in	24.0 in	8.00 in	Hoffman	CSD20248/CSD20248LG	Interpolated
24.0 in	24.0 in	8.00 in	Hoffman	A24R248HCR/CSD24248/CSD24248LG	Interpolated
30.0 in	24.0 in	8.00 in	Hoffman	A30R248HCR/CSD30248/CSD30248LG	Interpolated
36.0 in	24.0 in	8.00 in	Hoffman	CSD36248/CSD36248LG	Interpolated
24.0 in	30.0 in	8.00 in	Hoffman	CSD24308/CSD24308LG	Interpolated
30.0 in	30.0 in	8.00 in	Hoffman	A30R308HCR/CSD30308/CSD30308LG	Interpolated
36.0 in	30.0 in	8.00 in	Hoffman	CSD36308/CSD36308LG	Interpolated
36.0 in	36.0 in	8.00 in	Hoffman	CSD36368/CSD36368LG	Interpolated
16.0 in	12.0 in	8.62 in	Hoffman	A16N12BLP	Interpolated
20.0 in	12.0 in	8.62 in	Hoffman	A20N12BLP	Interpolated
20.0 in	16.0 in	8.62 in	Hoffman	A20N16BLP	Interpolated

## Schneider Electric - Temperature Control Panels

### II. Certified Subcomponents Table

#### Enclosures Cont'd

Width	Height	Depth	Manufacturer	Part Number	Tested
20.0 in	20.0 in	8.62 in	Hoffman	A20N20BLP	Interpolated
24.0 in	20.0 in	8.62 in	Hoffman	A24N20BLP	Interpolated
24.0 in	24.0 in	8.62 in	Hoffman	A24N24BLP	Interpolated
30.0 in	20.0 in	8.62 in	Hoffman	A30N20BLP	Interpolated
30.0 in	24.0 in	8.62 in	Hoffman	A30N24BLP	Interpolated
30.0 in	30.0 in	8.62 in	Hoffman	A30N30BLP	Interpolated
36.0 in	24.0 in	8.62 in	Hoffman	A36N24BLP	Interpolated
36.0 in	30.0 in	8.62 in	Hoffman	A36N30BLP	Interpolated
42.0 in	30.0 in	9.25 in	Hoffman	A42N3009	Interpolated
42.0 in	36.0 in	9.25 in	Hoffman	A42N3609	Interpolated
48.0 in	36.0 in	9.25 in	Hoffman	A48N3609	Interpolated
12.0 in	12.0 in	10.00 in	Hoffman	A12R1210HCR	Interpolated
16.0 in	12.0 in	10.00 in	Hoffman	CSD161210/CSD161210LG	Interpolated
16.0 in	16.0 in	10.00 in	Hoffman	CSD161610/CSD161610LG	Interpolated
20.0 in	16.0 in	10.00 in	Hoffman	CSD201610/CSD201610LG	Interpolated
24.0 in	16.0 in	10.00 in	Hoffman	CSD241610/CSD241610LG	Interpolated
18.0 in	18.0 in	10.00 in	Hoffman	A18R1810HCR	Interpolated
16.0 in	20.0 in	10.00 in	Hoffman	CSD162010/CSD162010LG	Interpolated
20.0 in	20.0 in	10.00 in	Hoffman	CSD202010/CSD202010LG	Interpolated
24.0 in	20.0 in	10.00 in	Hoffman	CSD242010/CSD242010LG	Interpolated
30.0 in	20.0 in	10.00 in	Hoffman	CSD302010/CSD302010LG	Interpolated
20.0 in	24.0 in	10.00 in	Hoffman	CSD202410/CSD202410LG	Interpolated
24.0 in	24.0 in	10.00 in	Hoffman	A24R2410HCR/CSD242410/CSD242410LG	Interpolated
30.0 in	24.0 in	10.00 in	Hoffman	A30R2410HCR/CSD302410/CSD302410LG	Interpolated
36.0 in	24.0 in	10.00 in	Hoffman	CSD362410/CSD362410LG	Interpolated
48.0 in	24.0 in	10.00 in	Hoffman	CSD482410/CSD482410LG	Interpolated
24.0 in	30.0 in	10.00 in	Hoffman	CSD243010/CSD243010LG	Interpolated
30.0 in	30.0 in	10.00 in	Hoffman	CSD303010/CSD303010LG	Interpolated
36.0 in	30.0 in	10.00 in	Hoffman	CSD363010/CSD363010LG	Interpolated
36.0 in	36.0 in	10.00 in	Hoffman	A36R3610HCR/CSD363610/CSD363610LG	Interpolated
42.0 in	36.0 in	10.00 in	Hoffman	CSD423610/CSD423610LG	Interpolated
48.0 in	36.0 in	10.00 in	Hoffman	CSD483610/CSD483610LG	Interpolated
60.0 in	36.0 in	10.00 in	Hoffman	CSD603610/CSD603610LG	Interpolated
18.0 in	18.0 in	10.62 in	Hoffman	A18N18CLP	Interpolated
24.0 in	20.0 in	10.62 in	Hoffman	A24N20CLP	Interpolated
30.0 in	24.0 in	10.62 in	Hoffman	A30N24CLP	Interpolated
48.0 in	36.0 in	11.25 in	Hoffman	A48N3611	Interpolated
20.0 in	20.0 in	12.00 in	Hoffman	CSD202012/CSD202012LG	Interpolated
24.0 in	20.0 in	12.00 in	Hoffman	CSD242012/CSD242012LG	Interpolated
24.0 in	24.0 in	12.00 in	Hoffman	CSD242412/CSD242412LG	Interpolated
30.0 in	24.0 in	12.00 in	Hoffman	CSD302412/CSD302412LG	Interpolated
36.0 in	24.0 in	12.00 in	Hoffman	A36R2412HCR/CSD362412/CSD362412LG	Interpolated
48.0 in	24.0 in	12.00 in	Hoffman	CSD482412/CSD482412LG	Interpolated
30.0 in	30.0 in	12.00 in	Hoffman	A30R3012HCR/CSD303012/CSD303012LG	Interpolated
36.0 in	30.0 in	12.00 in	Hoffman	A36R3012HCR/CSD363012/CSD363012LG	Interpolated
42.0 in	30.0 in	12.00 in	Hoffman	A42R3012HCR	Interpolated
36.0 in	36.0 in	12.00 in	Hoffman	A36R3612HCR/CSD363612/CSD363612LG	Interpolated

## Schneider Electric - Temperature Control Panels

### II. Certified Subcomponents Table

#### Enclosures Cont'd

Width	Height	Depth	Manufacturer	Part Number	Tested
42.0 in	36.0 in	12.00 in	Hoffman	A42R3612HCR/CSD423612/CSD423612LG	Interpolated
48.0 in	36.0 in	12.00 in	Hoffman	A48R3612HCR/CSD483612/CSD483612LG	Interpolated
60.0 in	36.0 in	12.00 in	Hoffman	A60R3612HCR/CSD603612/CSD603612LG	R83579 UUT3
24.0 in	24.0 in	12.62 in	Hoffman	A24N24DLP	Interpolated
30.0 in	24.0 in	12.62 in	Hoffman	A30N24DLP	Interpolated
36.0 in	30.0 in	12.62 in	Hoffman	A36N30DLP	Interpolated
42.0 in	30.0 in	13.25 in	Hoffman	A42N3013	Interpolated
42.0 in	36.0 in	13.25 in	Hoffman	A42N3613	Interpolated
48.0 in	36.0 in	13.25 in	Hoffman	A48N3613	Interpolated
24.0 in	24.0 in	16.00 in	Hoffman	CSD242416/CSD242416LG	Interpolated
30.0 in	30.0 in	16.00 in	Hoffman	A30R3016HCR	Interpolated
36.0 in	30.0 in	16.00 in	Hoffman	CSD363016/CSD363016LG	Interpolated
48.0 in	36.0 in	16.00 in	Hoffman	A48R3616HCR/CSD483616/CSD483616LG	Interpolated
48.0 in	36.0 in	17.25 in	Hoffman	A48N3617	R83579 UUT2
12.0 in	12.0 in	6.00 in	Unity	12126HC/ 12WX12HX6D N3R HC NK	Extrapolated
12.0 in	16.0 in	6.00 in	Unity	12166TC3R	R91329 UUT1
12.0 in	18.0 in	6.00 in	Unity	12186HC/ 12WX18HX6D N3R HC NK	Interpolated
13.0 in	18.0 in	6.00 in	Unity	RC13186	Interpolated
18.0 in	18.0 in	6.00 in	Unity	18186HCNK/ 18WX18HX6D N3R HC NK	Interpolated
24.0 in	24.0 in	6.00 in	Unity	24246HCNK/ 24WX24HX6D N3R SDCT	Interpolated
18.0 in	18.0 in	10.00 in	Unity	RC181810/ 18WX18HX10D N3R HC NK	Interpolated
24.0 in	24.0 in	10.00 in	Unity	RC242410/ 24WX24HX10D N3R SDCT	Interpolated
24.0 in	36.0 in	10.00 in	Unity	RC243610/ 24WX36HX10D N3R SDCT	Interpolated
30.0 in	36.0 in	10.00 in	Unity	RC303610/ 30WX36HX10D N3R SDCT	Interpolated
30.0 in	48.0 in	10.00 in	Unity	RC304810/ 30WX48HX10D N3R SDCT	R91329 UUT2

## Schneider Electric - Temperature Control Panels

### II. Certified Subcomponents Table

#### Controllers

Subcomponent	Manufacturer	Part Number	Tested	
BACnet I/A Series Zone Controller	Schneider Electric	MNB-70	R83579 UUT2	
BACnet I/A Series Unitary Controller	Schneider Electric	MNB-300	R83579 UUT2	
BACnet I/A Series Plant Controller	Schneider Electric	MNB-1000-15	Interpolated	
BACnet I/A Series Remote I/O Module	Schneider Electric	MNB-1000	R83579 UUT2	
LON I/A Series LON Zone Controller	Schneider Electric	MNL-10Rxx	R83579 UUT2	
LON I/A Series LON Zone Controller	Schneider Electric	MNL-15Rxx	Interpolated	
LON I/A Series LON Zone Controller	Schneider Electric	MNL-20Rxx	Interpolated	
LON I/A Series LON Zone Controller	Schneider Electric	MNL-800	R83579 UUT2	
520 Enterprise Network Controller	Schneider Electric	ENC-520-2-N	Interpolated	
520 Enterprise Network Controller	Schneider Electric	ENC-520-2	R83579 UUT2	
520 Universal Network Controller 10/100 Mbit	Schneider Electric	UNC-520-2-N	Interpolated	
520 Universal Network Controller 10/100 Mbit	Schneider Electric	UNC-520-2	R83579 UUT2	
Continuum NetController II Modules	Schneider Electric	NC2-R-000000000	Interpolated	
	Schneider Electric	NC2-R-008000000	R83579 UUT3	
	Schneider Electric	NC2-R-032000000	Interpolated	
	Schneider Electric	NC2-R-064000000	Interpolated	
	Schneider Electric	NC2-R-127000000	Interpolated	
	Schneider Electric	NC2-R-254000000	Interpolated	
	Schneider Electric	NC2-F-000000000	Interpolated	
	Schneider Electric	NC2-F-008000000	Interpolated	
	Schneider Electric	NC2-F-032000000	Interpolated	
	Schneider Electric	NC2-R-064000000	Interpolated	
	Schneider Electric	NC2-R-127000000	Interpolated	
	Schneider Electric	NC2-R-254000000	Interpolated	
	Note: NC2-R/F Controllers differ in software configuration only.			
	Continuum Site Controller	Schneider Electric	CX9702	R83579 UUT3
Continuum BACnet System Controller	Schneider Electric	B4920	R83579 UUT3	
Continuum Terminal Controller	Schneider Electric	B3887	R83579 UUT3	
Continuum B-Link Repeater	Schneider Electric	B-LINK-AC	R83579 UUT3	
	Schneider Electric	B-LINK-AC-OP	Interpolated	
	Schneider Electric	B-LINK-AC-S	Interpolated	
	Schneider Electric	B-LINK-DC	Interpolated	
	Schneider Electric	B-LINK-DC-OP	Interpolated	
	Schneider Electric	B-LINK-DC-S	Interpolated	
	Schneider Electric	B-LINK-F-AC	Interpolated	
	Schneider Electric	B-LINK-F-AC-S	Interpolated	
	Schneider Electric	B-LINK-F-DC	Interpolated	
	Schneider Electric	B-LINK-F-DC-S	Interpolated	
Note: B-LINK modules differ in software configuration only.				
Microzone II Controller	Schneider Electric	MZ2A-101	R83579 UUT3	
Automation Server	Schneider Electric	SXWATSVR10001	R91329 UUT2	
Automation Server- BACnet	Schneider Electric	SXWASBXXX10001	Interpolated	
Automation Server- LON	Schneider Electric	SXWASLXXX10001	Interpolated	
Note: Automation Servers differ in software configuration only.				
PS-24V Power Supply 24 VAC/VDC	Schneider Electric	SXWPS24VX10001	R91329 UUT2	
UI-16, I/O Module – 16 universal inputs	Schneider Electric	SXWUI16XX10001	R91329 UUT2	
DI-16, I/O Module – 16 digital inputs	Schneider Electric	SXWDI16XX10001	R91329 UUT2	

## Schneider Electric - Temperature Control Panels

### II. Certified Subcomponents Table

#### Controllers (continued)

Subcomponent	Manufacturer	Part Number	Tested
DO-FA-12, I/O Module – 12 Form A digital outputs	Schneider Electric	SXWDOA12X10001	Interpolated
DO-FA-12, I/O Module – 12 Form A digital outputs w hand	Schneider Electric	SXWDOA12H10001	R91329 UUT2
AO-8, I/O Module – 8 analog current/voltage outputs	Schneider Electric	SXWAO8XXX10001	Interpolated
AO-8-H, I/O Module – 8 analog current/voltage outputs w	Schneider Electric	SXWAO8HXX10001	Interpolated
AO-V-8, I/O Module – 8 analog voltage outputs	Schneider Electric	SXWAOV8XX10001	Interpolated
AO-V-8-H, I/O Module – 8 analog voltage outputs w hand	Schneider Electric	SXWAOV8HX10001	R91329 UUT2
UI-8/DO-FC-4, I/O Module – 8 universal inputs/ 4 digital F	Schneider Electric	SXWUI8D4X10001	R91329 UUT2
UI-8/DO-FC-4-H, I/O Module – 8 universal inputs/ 4 digital	Schneider Electric	SXWUI8D4H10001	Interpolated
UI-8/AO-4, I/O Module – 8 universal inputs/4 analog volta	Schneider Electric	SXWUI8A4X10001	Interpolated
UI-8/AO-4, I/O Module – 8 universal inputs/4 analog volta	Schneider Electric	SXWUI8A4H10001	Interpolated
UI-8/AO-4, I/O Module – 8 universal inputs/4 analog volta	Schneider Electric	SXWUI8A4X10001	Interpolated
UI-8/AO-4, I/O Module – 8 universal inputs/4 analog volta	Schneider Electric	SXWUI8A4H10001	Interpolated
UI-8/AO-V-4, I/O Module – 8 universal inputs/4 analog vol	Schneider Electric	SXWUI8V4X10001	Interpolated
UI-8/AO-V-4-H, I/O Module – 8 universal inputs/ 4 analog	Schneider Electric	SXWUI8V4H10001	R91329 UUT2

#### Power Supplies

Subcomponent	Manufacturer	Part Number	Tested
Continuum Power Supply 120/240 VAC 50W; UPS	Schneider Electric	PS 120/240 AC 50-U	Extrapolated
Continuum Power Supply 120/240 VAC 50W	Schneider Electric	PS 120/240 AC 50	Extrapolated
Continuum Power Supply VDC 50W	Schneider Electric	PS-48 DC 50	Extrapolated
Continuum Power Supply 120/240 VAC 65W	Schneider Electric	PS 120/240 AC 65-U	Extrapolated
Continuum Power Supply 120/240 VAC 65W; UPS	Schneider Electric	PS 120/240 AC 65	Extrapolated
Continuum Power Supply 120/240 VAC 70W; UPS	Schneider Electric	PS 120/240 AC 70-U	OSP-183-10
Continuum Power Supply 120/240 VAC 85W; UPS	Schneider Electric	PS 120/240 AC 85-U	Interpolated
Continuum Power Supply 120/240 VAC 85W	Schneider Electric	PS 120/240 AC 85	R83579 UUT3
DC Power Supply, 24VAC/24VDC, 300MA	Functional Devices	PSM24A24DAS	R83579 UUT2
AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSB100AB10	R91329 UUT2
Enclosed Dual AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSH100A100AB10	R91329 UUT2
Enclosed Dual AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSH100A100A	Interpolated
Enclosed Dual AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSH100A100AN	Interpolated
Enclosed Dual AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSH100A100ANW	Interpolated
Enclosed Dual AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSH100A100AW	Interpolated
Enclosed Dual AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSH100A100ANB10	Interpolated
Enclosed Dual AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSH100A100ANWB10	Interpolated
Enclosed Dual AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSH100A100AWB10	R91329 UUT2
Track Mount Non-Isolated Linear DC Power Supply, 24Vac to 1.5-28 Vdc, 300 mA Adjustable Output, with Switch	Functional Devices	PSMN24DAS	R91329 UUT2
2.75" Track Mount Isolated DC Power Supply, 120 Vac to 24 Vdc, 1 Amp	Functional Devices	PSMN40A24DS	R91329 UUT2
PS Series 120 Vac to 24 Vdc; 7.5W	Veris	PS24-7.5	R91329 UUT2
PS Series 120 Vac to 24 Vdc; 15W	Veris	PS24-15	Interpolated
PS Series 120 Vac to 24 Vdc; 30W	Veris	PS24-30	Interpolated
PS Series 120 Vac to 24 Vdc; 50W	Veris	PS24-50	Interpolated
PS Series 120 Vac to 24 Vdc; 100W	Veris	PS24-100	R91329 UUT2
120 Vac to 24 Vdc power supply	MAMAC	PS-200-24-B-1	R91329 UUT1

## Schneider Electric - Temperature Control Panels

### II. Certified Subcomponents Table

#### Transformers

Subcomponent	Manufacturer	Part Number	Tested
Transformer, 175VA 120V-P, 24V	Functional Devices	TR175VA002	R83579 UUT2
Transformer, 50VA 120V-P, 24V	TAC (PS3)	T-201-1	R83579 UUT1
Transformer, 20VA 120V-P, 24V	TAC (PS3)	T-255	Interpolated
Transformer, 50VA 277V-P, 24V	TAC (PS3)	T-240	Interpolated
Transformer, 50VA 208/240V-P, 24V	TAC (PS3)	T-258	Interpolated
Transformer, 50 VA, 120/240/277/408 V-P, 24V	TAC (PS3)	T-245	Interpolated
Transformer, 50 VA, 208/240/277/408 V-P, 24V	TAC (PS3)	T-249	Interpolated
Transformer, 75 VA, 120V-P, 24V	TAC (PS3)	T-207	Interpolated
Transformer, 85 VA, 120V-P, 24V	TAC (PS3)	T-202	Interpolated
Transformer, 99 VA, 120V-P, 24V	TAC (PS3)	T-208	R83579 UUT2, UUT3

#### Uninterrupted Power Supplies

Subcomponent	Manufacturer	Part Number	Tested
SDU UPS, 500VA, 120VAC	Sola	SDU500	R83579 UUT2
SDU UPS, 500VA, 230VAC	Sola	SDU500-5	Interpolated
SDU UPS, 850VA, 120VAC	Sola	SDU850	Interpolated
SDU UPS, 850VA, 230VAC	Sola	SDU850-5	Interpolated
S1K UPS, 320VA	Sola	S1K320	R83579 UUT3
S1K UPS, 520VA	Sola	S1K520	Interpolated
S1K UPS, 650VA	Sola	S1K650	Interpolated
S1K UPS, 850VA	Sola	S1K850	Interpolated
S1K UPS, 1200VA	Sola	S1K1200	R83579 UUT3

#### Sensors

Subcomponent	Manufacturer	Part Number	Tested
Very Low Differential Pressure Transducer, High	Sentra	264	R83579 UUT2
Differential Pressure Transmitter; Industrial	Ashcroft	XLdp	R83579 UUT2
Differential Pressure Switch	Greystone	AFS-222	R83579 UUT2
Dry Media Differential Pressure Transducer	Veris	PXP	R83579 UUT2
Diff. pressure transducer; dry media; 0-1"WC; LCD	Schneider Electric	EPP101-LCD	R91329 UUT2
Diff. pressure transducer; dry media; 0-1"WC	Schneider Electric	EPP101	Interpolated
Diff. pressure transducer; dry media; 0-10"WC; LCD	Schneider Electric	EPP102-LCD	Interpolated
Diff. pressure transducer; dry media; 0-10"WC	Schneider Electric	EPP102	Interpolated
Diff. pressure transducer; dry media; 0-10"WC; LCD	Schneider Electric	EPU-105-LCD	Interpolated
Diff. pressure transducer; dry media; 0-10"WC	Schneider Electric	EPU-105	R91329 UUT2
Diff. pressure transducer; wet media; 0-50PSIG; LCD	Schneider Electric	EPW103-LCD	R91329 UUT2
Diff. pressure transducer; wet media; 0-50PSIG	Schneider Electric	EPW103	Interpolated
Diff. pressure transducer; wet media; 0-100PSIG; LCD	Schneider Electric	EPW104-LCD	Interpolated
Diff. pressure transducer; wet media; 0-100PSIG	Schneider Electric	EPW104	Interpolated
Diff. pressure transducer; wet media; 0-250PSIG; LCD	Schneider Electric	EPW105-LCD	Interpolated
Diff. pressure transducer; wet media; 0-250PSIG	Schneider Electric	EPW105	R91329 UUT2

## Schneider Electric - Temperature Control Panels

### II. Certified Subcomponents Table

#### Network Equipment

Subcomponent	Manufacturer	Part Number	Tested
BACnet Building Controller Router	Delta	DSM-RTR	R83579 UUT3
5-Port Ethernet Switch	Netgear	FS605	R83579 UUT2
5-Port Gigabit Ethernet Switch	Netgear	GS605	Interpolated
8-Port Ethernet Switch	Netgear	FS608	Interpolated
8-Port Gigabit Ethernet Switch	Netgear	GS608	Interpolated
16-Port Ethernet Switch	Netgear	FS116	R83579 UUT2
5-Port Ethernet Switch	Phoenix Contacts	2891152	R91329 UUT2

#### Relays

Subcomponent	Manufacturer	Part Number	Tested
4.00" Track Mount Relay 15 Amp SPDT with 10-30 Vac/dc/120 Vac Coil	Functional Devices	RIBMU1C	R91329 UUT1
SPDT Relays	IDEC	RH1B	R83579 UUT1
DPDT Relays	IDEC	RH2B	Interpolated
3PDT Relays	IDEC	RH3B	Interpolated
4PDT Relays	IDEC	RH4B	R83579 UUT1
SPDT Relays	Veris	VMD1B	R83579 UUT1 R91329 UUT2
DPDT Relays	Veris	VMD2B	Interpolated
3PDT Relays	Veris	VMD3B	Interpolated
4PDT Relays	Veris	VMD4B	R83579 UUT1 R91329 UUT2
Snaptrack 10A SPDT Relay	Veris	VST10/VST10-4	R91329 UUT2
	Veris	VST11/VST11-4	Interpolated
	Veris	VST100/VST100-4	Interpolated
	Veris	VST101/VST101-4	R91329 UUT2

#### Circuit Breakers

Subcomponent	Manufacturer	Part Number	Tested
USCC Series Circuit Breaker	Ferraz-Schawmut	USCC1	R91329 UUT2
QL Series Circuit Breaker	Kele	QL-1	R91329 UUT1
	Kele	QL-3	Interpolated
	Kele	QL-4	Interpolated
	Kele	QL-5	Interpolated
	Kele	QL-8	Interpolated
	Kele	QL-10	Interpolated
	Kele	QL-15	Interpolated
	Kele	QL-20	Interpolated
	Kele	QL-25	R91329 UUT2

**R91239 UUT1**

Small Control Panel

12"W x 16"H x 6"D NEMA 3R, carbon steel

21 lbs

Rigidly Wall Mounted with (4) ¼" bolts



Building Code	Test Criteria	S <sub>DS</sub> (g)	z/h	Horizontal		Vertical	
				A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-H</sub>
CBC 2013	ICC-ES AC 156	2.75	1.0	4.40	3.30	1.99	0.75
Natural Frequencies			Test Results				
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test.				
n/a	n/a	n/a					

Subcomponent	Manufacturer	Part Number
12"x16"x6" NEMA 3R Enclosure	Unity	12166TC3R
4.00" Track Mount Relay 15 Amp SPDT with 10-30 Vac/dc/120 Vac Coil	Functional Devices	RIBMU1C
120 Vac to 24 Vdc power supply	MAMAC	PS-200-24-B-1
QL Series Circuit Breaker	Kele	QL-1

## R91329 UUT2

Large Control Panel

30"W x 48"H x 10"D NEMA 1, carbon steel

133 lbs

Rigidly Wall Mounted with (4) 3/8" bolts



Building Code	Test Criteria	S <sub>DS</sub> (g)	z/h	Horizontal		Vertical	
				A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-H</sub>
CBC 2013	ICC-ES AC 156	2.75	1.0	4.40	3.30	1.99	0.75
Natural Frequencies			Test Results				
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test.				
n/a	n/a	n/a					

Subcomponent	Manufacturer	Part Number
30"x48"x10" NEMA 1 Enclosure	Unity	RC304810
Automation Server	Schneider Electric	SXWAUTSVR10001
PS-24V Power Supply 24 VAC/VDC	Schneider Electric	SXWPS24VX10001
UI-16, I/O Module – 16 universal inputs	Schneider Electric	SXWUI16XX10001
DI-16, I/O Module – 16 digital inputs	Schneider Electric	SXWDI16XX10001
AO-V-8-H, I/O Module – 8 analog voltage outputs w hand control	Schneider Electric	SXWAOV8HX10001
DO-FA-12, I/O Module – 12 Form A digital outputs w hand control	Schneider Electric	SXWDOA12H10001
UI-8/AO-V-4-H, I/O Module – 8 universal inputs/ 4 analog voltage outputs w hand control	Schneider Electric	SXWUI8V4H10001
UI-8/DO-FC-4, I/O Module – 8 universal inputs/ 4 digital Form C outputs	Schneider Electric	SXWUI8D4X10001
AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSB100AB10
Enclosed Dual AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSH100A100AB10
Enclosed Dual AC Power Supply; 100VA, 120 to 24 Vac	Functional Devices	PSH100A100AWB10
Track Mount Non-Isolated Linear DC Power Supply, 24Vac to 1.5-28 Vdc, 300 mA Adjustable Output, with Switch	Functional Devices	PSMN24DAS
2.75" Track Mount Isolated DC Power Supply, 120 Vac-24 Vdc, 1 Amp	Functional Devices	PSMN40A24DS
PS Series 120 Vac to 24 Vdc; 7.5W	Veris	PS24-7.5
PS Series 120 Vac to 24 Vdc; 100W	Veris	PS24-100
Differential pressure transducer; dry media; 0-1"WC; LCD	Schneider Electric	EPP101-LCD
Differential pressure transducer; dry media; 0-10"WC	Schneider Electric	EPU-105
Differential pressure transducer; wet media; 0-50PSIG; LCD	Schneider Electric	EPW103-LCD
Differential pressure transducer; wet media; 0-250PSIG	Schneider Electric	EPW105
5-Port Ethernet Switch	Phoenix Contacts	2891152
4.00" Track Mount Relay 15 Amp SPDT, 10-30 Vac/dc/120 Vac Coil	Functional Devices	RIBMU1C
SPDT Relay	Veris	VMD1B
4PDT Relay	Veris	VMD4B
Snaptrack 10A SPDT Relay	Veris	VST10/VST10-4
Snaptrack 10A SPDT Relay	Veris	VST101/VST101-4
USCC Series Circuit Breaker	Ferraz-Schawmut	USCC1
QL Series Circuit Breaker	Kele	QL-25

## TEST SUMMARY

### Tested Unit #1 (UUT1)

### Report R83579

Small Control Panel

8"H x 8"W x 6"D NEMA 3R, carbon steel

12 lbs

Rigid wall-mounted with

(4) 3/8"-diameter bolts



Building Code	Test Criteria	S <sub>DS</sub> (g)	z/h	Horizontal		Vertical	
				A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-H</sub>
CBC 2013	ICC-ES AC 156	2.50	1.0	4.94	3.00	2.83	3.19
Natural Frequencies			Test Results				
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test.				
n/a	n/a	n/a					

Device	Qty	Part Number	Description	Vendor
FS-1	1	HKP-HH	PANEL MOUNTED FUSE HOLDER	KELE
FS-1_1	1	GF-SS	FUSE 5A	KELE
GRN LT	1	MP1-MLFPT-L8G	24VAC GREEN PILOT LIGHT	KELE
HORN	1	SC628A	ALARM HORN, 24VAC	KELE
R1	1	RH1B-ULAC24V	ENCLOSED SPDT RELAY 24VAC	KELE
R2	1	RH4B-ULAC24V	24VAC ENCLOSED 4PDT RELAY	KELE
R3	1	VMD1B-C24A	24VAC ENCLOSED SPDT RELAY	VERIS
R4	1	VMD4B-C24A	24VAC ENCLOSED 4PDT RELAY	VERIS
R1_1	1	SH1B-05	SPDT RELAY BASE	KELE
R2_1	1	SH4B-05	4PDT RELAY BASE	KELE
R3_1	1	VB1DB-C	SPDT RELAY BASE	VERIS
R4_1	1	VBD4B-C	4PDT RELAY BASE	VERIS
RED LT	1	MP1-MLFPT-L8R	24VAC RED PILOT LIGHT	KELE
S-1	1	ASW210	KNOB STYLE SWITCH, 2-POSITION	KELE
S-1_1	1	NWAL-212	LEGEND PLATE-ON-OFF	KELE
TCP-1	1	A8R86HCR	8"x8"x6" NEMA 3R ENCLOSURE	HOFFMAN
TCP-1_1	1	A8N8PP	8"H x 8"W PREF BACKPLATE	HOFFMAN
TCP-1_2	1	AL7A	"T" HANDLE LATCH KIT	HOFFMAN
TGL_SW	1	2VLR9	TOGGLE SW. MOMENTARY SPST 20A	GRAINGER
TX	1	T-201-1	TRANSFORMER 50 VA, 120V-P, 24V	TAC (PS3)
YEL LT	2	MP1-MLFPT-L8Y	24VAC YELLOW PILOT LIGHT	KELE

## Tested Unit #2 (UUT2)

### Report R83579

Medium Control Panel

48"H x 36"W x 17"D NEMA 1, carbon steel

246 lbs

Rigid wall-mounted with (4) 3/8"-diameter bolts



Building Code	Test Criteria	S <sub>DS</sub> (g)	z/h	Horizontal		Vertical	
				A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-H</sub>
CBC 2013	ICC-ES AC 156	2.50	1.0	4.94	3.00	2.83	3.19
Natural Frequencies			Test Results				
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test.				
n/a	n/a	n/a					

Device	Qty	Part Number	Description	Vendor
DPT-1	1	2641-010WB-11-T1-E	DP TRANSDUCER; 0-10" WC; 4-20m	SETRA
DPT-4	1	AFS-222	DIFF PRESS. SW. (0-12") AUTO	Greystone Energy Systems
DPT-5	1	VER-PXPLX02S	DIFF PRES SEN DRY MEDIA PNL MT	TAC (PS3)
DPT-3	1	XL-4-MB2-42-ST-P1IW	PRESSURE TRANSMITTER, 0-0.1" W	ASHCROFT
EMRGY SW	1	ST120SLN1-VS	EMERGENCY PB SWITCH, VENT.STOP	KELE
EMRGY SW_1	1	PILNCCB	N.C. CONTACT BLOCK FOR SWITCH	KELE
ENC	1	ENC-520-2	520 ENTERPRISE NETWORK CNTRL	TAC (Invensys)
ENC_1	1	ENC-520-P2P	PEER-TO-PEER FOR ENC-520	TAC (Invensys)
ENC_2	1	ENC-DRV-MOD	ENC DRIVER - MODBUS RTU/ASCII	TAC (Invensys)
EOL	1	RN60C1210FB14	121 OHM RS-485 RESISTOR	Newark
GRN LT	1	CL-502-G	24VAC GREEN PILOT LIGHT	KELE
LON-TERM	1	LON-TERM1	LON TERMINATION, SINGLE, FOR F	TAC (Invensys)
MNB-1000	1	MNB-1000	I/A SERIES BACNET PLANT CNTRL	TAC (Invensys)
MNB-300	1	MNB-300	IA SER BACNET CNTRL PNL MNT	TAC (Invensys)
MNB-70	1	MNB-70	I/A SERIES BACNET ZONE CNTRL	TAC (Invensys)
MNB-1000_1	1	MNB-1000-ENC	WALL MNT ENCLOSRE FOR MNB-1000	TAC (Invensys)
MNB-300_1	1	MNB-300-ENC	WALL MNT ENCLOSURE FOR MNB-300	TAC (Invensys)
MNL-100	1	MNL-10RS3	MN 100 LONMARK CONT./LONMARK R	TAC (Invensys)
MNL-800	1	MNL-800-101	MNL800 LONMARK CONTROLLER-CIRC	TAC (Invensys)
MNL-800_1	1	ENCL-MZ800-WAL	ENCLOSURE FOR MZ 2 & MNL-800-W	TAC (Invensys)
OFF SW	1	ST120SN3RP1-CS	BREAK GLASS CHILLER STOP	KELE
PS-2	1	PS-200-1-A-3-N	24 VOLT ISOLATED POWER SUPPLY	MAMAC
PS-1	1	PSM24A24DAS	24VAC/24VDC POWER SUPPLY,300MA	FUNCTIONAL DEVICES
PURGE SW	1	ST120SN3RBP2-RPG	BREAK GLASS REFRIG. PURGE	KELE
PURGE SW_1	2	PILNOCB	N.O. CONTACT BLOCK	KELE
RED LT	1	CL-502-R	24VAC RED PILOT LIGHT	KELE
S1	1	PRK-FS	PANEL RECEPTACLE & DISC SWITCH	SINGLE SOURCED SOLUTIONS
S-1	1	ASW210	KNOB STYLE SWITCH, 2-POSITION	KELE
S1_1	1	GF-10S	FUSE, 10A	SINGLE SOURCED SOLUTIONS
S-1_1	1	NWAL-212	LEGEND PLATE-ON-OFF	KELE
SW-2	1	FS116	16-PORT ETHERNET SWITCH	CDW
SW-1	1	FS605	5-PORT ETHERNET SWITCH	CDW
TCP-2	1	A48N3617	48"x36"x17" NEMA 1ENCLOSURE	HOFFMAN
TCP-2_1	1	A48P36	48"H x 36"W BACKPLATE	HOFFMAN
TCP-2_6	1	A6AXFN	6" PANEL COOLING FAN	HOFFMAN
TCP-2_7	1	A-BRKT6	COOLING FAN MOUNT KIT	HOFFMAN
TCP-2_2	1	AL12AR	CYLINDER LOCK KIT	HOFFMAN
TCP-2_5	1	AVK66	6"x6" VENTILATION LOUVER PLATE	HOFFMAN
TX-1	1	T-208	TRANSFORMER 96 VA 120P-24VS U	TAC (PS3)
TX-2	1	TR175VA002	TRANSFORMER 175 VA, 120V-P, 24	Functional Devices
UNC	1	UNC-520-2	NETWORK CONTROLLER 10/100 MBIT	TAC (Invensys)
UPS-1	1	SDU500	UPS, 500VA, DIN RAIL MOUNT	KELE

**Tested Unit #3 (UUT3)**

**Report R83579**

Large Control Panel

60”H x 36”W x 17”D NEMA 4/12, carbon steel

278 lbs

Rigid wall-mounted with (4) 3/8”-diameter bolts



Building Code	Test Criteria	S <sub>DS</sub> (g)	z/h	Horizontal		Vertical	
				A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-H</sub>
CBC 2013	ICC-ES AC 156	2.50	1.0	4.94	3.00	2.83	3.19
Natural Frequencies			Test Results				
F-B	S-S	V	The UUT maintained structural integrity and functionality after the AC156 test.				
n/a	n/a	n/a					

Device	Qty	Part Number	Description	Vendor
CONT-2	1	B3887	CONTINUUM TERMINAL CONTROLLER	SCHNEIDER ELECTRIC
CONT-1	1	B4920	CONTINUUM SYSTEM CONTROLLER	SCHNEIDER ELECTRIC
CONT-6	1	B-LINK-AC	CONTINUUM B-LINK REPEATER	SCHNEIDER ELECTRIC
CONT-5	1	CX9702	CONTINUUM SITE CONTROLLER	SCHNEIDER ELECTRIC
CONT-3	1	NC2-R-0080000000	CONTINUUM NET CONTROLLER	SCHNEIDER ELECTRIC
CONT-4	1	PS 120/240 AC 85	CONTINUUM POWER SUPPLY	SCHNEIDER ELECTRIC
DSM-RTR	1	DSM-RTR	BACNET BUILDING CONTROLLER	DELTA CONTROLS
GRN LT	1	CL-502-G	24VAC GREEN PILOT LIGHT	KELE
MNT KIT	1	CMFK	STEEL MOUNTING KIT	HOFFMAN
MZ-1	1	MZ2A-101	MICROZONE II CTRLR (ASD) CTRLR	TAC (Invensys)
MZ-1_1	1	ENCL-MZ800-PAN	ENCLOSURE FOR MZ 2 & MNL-800-P	TAC (Invensys)
PS-4	1	PS-200-1-A-3-N	12 VOLT ISOLATED POWER SUPPLY	MAMAC
PS-3	1	PSMN40A24DS	120/24vdc Track Mnt Pwr Sup,1A	SINGLE SOURCED SOLUTIONS
RED LT	1	CL-502-R	24VAC RED PILOT LIGHT	KELE
S1	1	PDK	SWITCH ASSEMBLY	SINGLE SOURCED SOLUTIONS
S-1	1	ASW210	KNOB STYLE SWITCH, 2-POSITION	KELE
S1_1	1	GF-7S	FUSE, 7A	SINGLE SOURCED SOLUTIONS
S-1_1	1	NWAL-212	LEGEND PLATE-ON-OFF	KELE
TCP-3	1	CSD603612	60"x36"x12" NEMA 4/12 ENCLOSUR	HOFFMAN
TCP-3_2	1	ACLSN12	LOCK KIT FOR 3R & 12 ENCLOSURE	HOFFMAN
TCP-3_3	1	ALF16D12R	FLUORESCENT LIGHTING PACKAGE	HOFFMAN
TCP-3_1	1	CP6036G	60"H X 36"W BACKPLATE	HOFFMAN
TCP-3_4	1	F8T5	LINEAR FLUORESCENT TUBE	HOFFMAN
TX-1	1	T-208	TRANSFORMER 96 VA 120P-24VS U	TAC (PS3)
UPS-2	1	S1K1200	UPS, 1200VA, DIN RAIL MOUNT	KELE
UPS-3	1	S1K320	UPS, 320VA, DIN RAIL MOUNT	KELE
UPS-2_1	1	S1K-PMBRK	WALL/PANEL MOUNT KIT	KELE
UPS-3_1	1	S1K-PMBRK	WALL/PANEL MOUNT KIT	KELE