



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0273

HCAI Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Siemens Industry, Inc.

Manufacturer's Technical Representative: Vincent Baroncini

Mailing Address: 8 Fernwood Road, Florham Park, NJ 07932

Telephone: (973) 593-2682

Email: vincent.baroncini@siemens.com

Product Information

Product Name: Electrical Control Panels on Life Safety/Critical Branch

Product Type: Fire Alarm & Security Panels

Product Model Number: Various (See Attachment)

General Description: Fire Alarm Control Panels with internal and external components as shown in the attachments.

Mounting Description: Rigid, Wall Mounted

Tested Seismic Enhancements: None

Applicant Information

Applicant Company Name: TRU Compliance, by Structural Integrity Associates

Contact Person: Daniel Zentner

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

Telephone: (541) 292-5839

Email: dzentner@structint.com

Title: Program Manager



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

Company Name: STRUCTURAL INTEGRITY ASSOCIATES, INC.
Name: Andrew Coughlin California License Number: S6082
Mailing Address: 5215 Hellyer Ave, Suite 101, San Jose, CA 95138-1025
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Certification Method

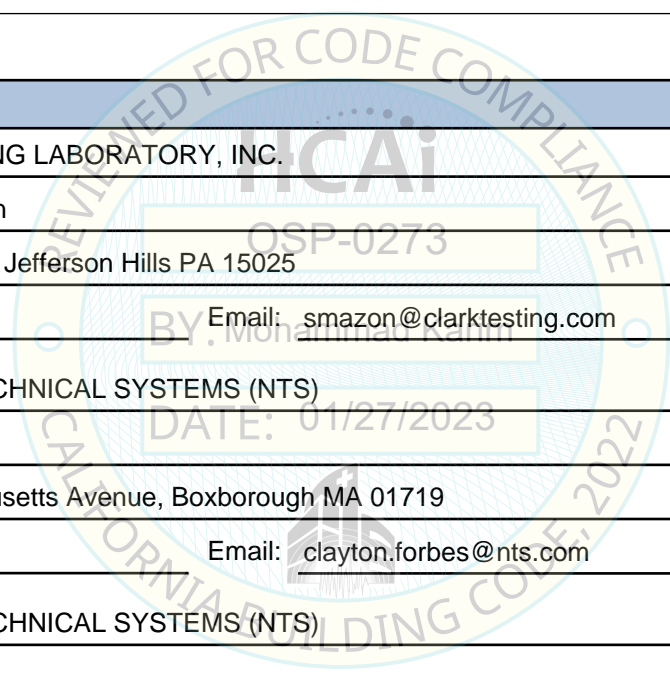
GR-63-Core [X] ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3
Other (Please Specify):

Testing Laboratory

Company Name: CLARK TESTING LABORATORY, INC.
Contact Person: Suzanne Mazon
Mailing Address: 1801 Route 51, Jefferson Hills PA 15025
Telephone: (412) 387-1001 Email: smazon@clarktesting.com

Company Name: NATIONAL TECHNICAL SYSTEMS (NTS)
Contact Person: Clayton Forbes
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Company Name: NATIONAL TECHNICAL SYSTEMS (NTS)
Contact Person: Mike Shook
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Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) = 1.50 (z/h=1), 1.13 (z/h=0)

SDS (Design spectral response acceleration at short period, g) = 2.0 (z/h=1), 2.5 (z/h=0)

a_p (Amplification factor) = 2.5

R_p (Response modification factor) = 6.0

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

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

Natural frequencies (Hz) = See Attachment

Overall dimensions and weight = See Attachment

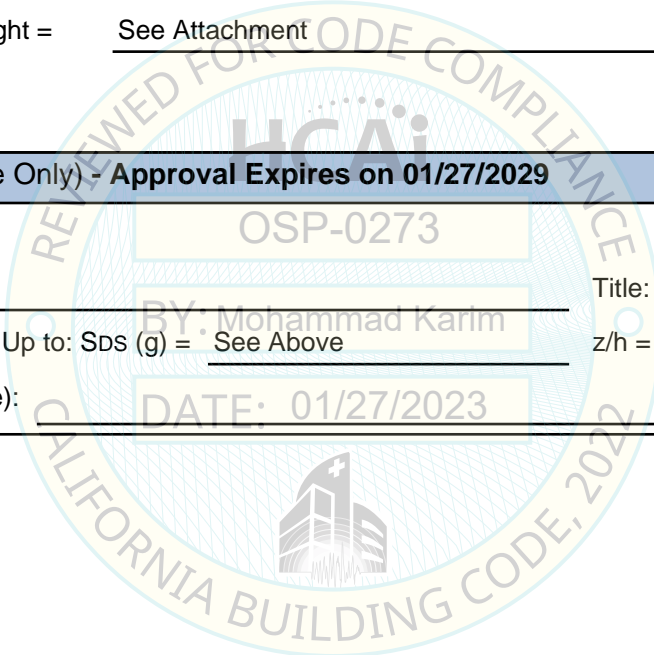
HCAI Approval (For Office Use Only) - Approval Expires on 01/27/2029

Date: 01/27/2023

Name: Mohammad Karim Title: Supervisor, Health Facilities

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

Condition of Approval (if applicable): DATE: 01/27/2023



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

2100676-CR-001-R1



Manufacturer: Siemens Industry, Inc.	TABLE 1
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel	

Certified Product Construction Summary:
 16 GA carbon steel NEMA Type 1 enclosure (Red or Black). Hinged doors with key lock.
 FC2025/FC2050/FT2050 – Desigo branding label
 FC922/FC924/FT924 – Cerberus PRO branding label

Certified Options Summary:
 See Table 2 for a complete list of certified components and options.

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0 g$ $z/h = 1.0$ $I_P = 1.5$
 $S_{DS} = 2.5 g$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lb)	Notes	UUT
		Depth	Width	Height			
FC2025 / FC2050 / FT2050	One Height Enclosure	4.5	15.0	20.0	30		3
	Two Height Enclosure	6.0	28.0	28.5	60		1, 2
		6.0	21.5	27.5	68		6
		6.0	21.5	28.5	71		4
FC922 / FC924 / FT 924	One Height Enclosure	4.5	15.0	20.0	30	Similar to UUT3 (color, label, windows)	Interp.
	Two Height Enclosure	6.0	28.0	28.5	60	Similar to UUT1,2 (color, label, windows)	Interp.
Network Enclosure	NTWRK-ENCL	8.0	20.5	20.5	46		5

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2100676-CR-001-R1



Manufacturer: Siemens Industry, Inc.	Table Description: Panel Components	TABLE 2
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0 g$ $z/h = 1.0$	$I_p = 1.5$
		$S_{DS} = 2.5 g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
One Height Enclosure	Siemens	FHB2001-U1/R1	Back Box		3
		FHD2004-U1	Inner Door		3
		FHD2001-U2/R2	Outer Door		3
		FHD2001-U3/R3	Outer Door	Similar to FHD2001-U2/R2 (label)	Interp.
		FHD2006-U1	Clear Lens		3
		FHA2035-U1/R1	Trim Kit	Depopulated FHA2036-U1/R1	Interp.
Two Height Enclosure	Siemens	FHB2002-U1/R1	Back Box	UUT1: -R1, UUT2/UUT4: -U1	1, 2, 4
		FHD2004-U1	Inner Door		1, 2, 4
		FHD2005-U1	Inner Door	Similar to FHD2004-U1 (window)	Interp.
		FHD2002-U2/R2	Outer Door	UUT2: -U2	2
		FHD2003-U2/R2	Outer Door	UUT1: -R2	1
		FHD2002-U3	Outer Door	Similar to FHD2002-U2/R2 (label)	Interp.
		FHD2003-U3/R3	Outer Door	Similar to FHD2003-U2/R2 (label, color)	Interp.
		FHD2006-U1	Clear Lens		1, 2
FHA2036-U1/R1	Trim Kit	UUT1: -R1	1		
Enclosure	Siemens	MXL-IQ	Complete Enclosure		6
Panel Components	Siemens	BP-61	24V 15AH Battery Set		1, 2, 4, 6
		BT-33	7AH Battery		5

Notes: Suffix "1" at end of the model number represents universal component.
 Suffix "2" at end of model number represents Desigo branding label.
 Suffix "3" at end of model number represents Cerberus PRO branding label.
 "R" = Red, "U" = Black

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2100676-CR-001-R1



Manufacturer: Siemens Industry, Inc.	Table Description: Panel Components	TABLE 2
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0 g$ $z/h = 1.0$	$I_p = 1.5$
		$S_{DS} = 2.5 g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
Panel Components	Siemens	FN2001-U1	SAFEDLINK / FCnet Network Module		1, 3
		FN2006-U1	Single-Mode Fiber-Optic Module		1, 3
		FN2007-U1	Multi-Mode Fiber-Optic Module	Similar to FN2006-U1 (integrated chip)	Interp.
		FP2011-U1	170 Watt Power Supply		2, 4, 5, 6
		FP2012-U1	300 Watt Power Supply		1
		FCA2015-U1	Digital Alarm Communicator Transmitter		1
		FCA2016-A1	RS485 Class A Module		1
		FCI2011-U1	NAC Expansion Module		2
		FCI2016-U1, FCI2017-U1	Periphery Boards (16 = 250pt; 17 = 500pt.)	UUT1: FCI2016-U1, UUT2: FCI2017-U1	1, 2, 4, 6
		FCM2018-U2, FCM2019-U2	Operating Interface Units	UUT1 & UUT3: Both	1, 3, 4, 6
		FCM2018-U3, FCM2019-U3	(18 = w/o LED module; 19 = w/LED module)	UUT2: Both	2
		FCI2020-U1	Leased-Line City Tie Module		1
		FCL2004-U1	MXL Interface Board		4, 6
		FCL-MXLPLATE	Adapter Plate		4
		FCM2022-U2	Blank Option Module		1
		FCM2022-U3	Blank Option Module	Similar to FCM2022-U2 (label)	Interp.
		FCM2023-U2	LED Option Module		1
		FCM2023-U3	LED Option Module	Similar to FCM2023-U2 (label)	Interp.
FCM2034-U2	LED Option Module	Similar to FCM2023-U2 (led color)	Interp.		

Notes: Suffix "1" at end of the model number represents universal component.
 Suffix "2" at end of model number represents Desigo branding label.
 Suffix "3" at end of model number represents Cerberus PRO branding label.
 "R" = Red, "U" = Black

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2100676-CR-001-R1



Manufacturer: Siemens Industry, Inc.	Table Description: Panel Components	TABLE 2
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0g$ $z/h = 1.0$	$I_p = 1.5$
		$S_{DS} = 2.5g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
Panel Components	Siemens	FCM2034-U3	LED Option Module	Similar to FCM2023-U3 (led color, label)	Interp.
		FHA2031-U1	DIN-Rail Kit		1
		FHA2032-U1	Battery Bracket		1, 2
		FHA-MIQKIT	MXL Migration Kit		6
		FTI-2001-A1	Fire Terminal Board		3
		FTO2023-U2	Desigo Switch Modules		4
		FTO2023-U3	CerberusPRO Brands Switch Modules	Similar to FTO2023-U2 (label)	Interp.
		NTWRK-MP-C	Adapter Bracket		4
		P4AP	Pad-4 Adapter Plate		5
		Pad-4-MB	Notification Appliance Circuit Extender		5
		X200	Cloud Gateway Connection		7
		XC206-2SFP-MM	Scalance Fiber Switch (multimode)		4, 5
		XC206-2SFP-SM	Scalance Fiber Switch (single mode)		4, 5
		XCI2001-U1	Releasing Module		1

Notes: Suffix "1" at end of the model number represents universal component.
 Suffix "2" at end of model number represents Desigo branding label.
 Suffix "3" at end of model number represents Cerberus PRO branding label.
 "R" = Red, "U" = Black

UNIT UNDER TEST (UUT) SUMMARY SHEET

2100676-CR-001-R1



Manufacturer: Siemens Industry, Inc.
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel

UUT	Unit Description	Report Number	Testing Lab	Year Tested	ISO 17025 Accredited?	S _{DS}	z/h	I _p
1	FC2050 Two Height Enclosure	PR032091 Rev.3 (UUT6)	NTS - Fullerton	2014	Yes	2.5 2.5	1.0 0.0	1.5
2	FC2050 Two Height Enclosure	PR032091 Rev.3 (UUT7)	NTS - Fullerton	2014	Yes	2.5 2.5	1.0 0.0	1.5
3	FT2050 One Height Enclosure	PR032091 Rev.3 (UUT8)	NTS - Fullerton	2014	Yes	2.5 2.5	1.0 0.0	1.5
4	FT2050 Two Height Enclosure	JID 21-01589 Rev.0 (UUT1)	Clark Testing	2021	Yes	2.0 2.5	1.0 0.0	1.5
5	NTWRK-ENCL Network Enclosure	JID 21-01589 Rev.0 (UUT2)	Clark Testing	2021	Yes	2.0 2.5	1.0 0.0	1.5
6	FT2050 Two Height Enclosure	JID 21-01589 Rev.0 (UUT3)	Clark Testing	2021	Yes	2.0 2.5	1.0 0.0	1.5
7	CAB-3 w/X200, XVCC	TR-PR163923 Rev.1 (EUT3)	NTS - Boxborough	2022	Yes	2.0 2.5	1.0 0.0	1.5

Notes:

UNIT UNDER TEST (UUT) SUMMARY SHEET

2100676-CR-001-R1



Manufacturer: Siemens Industry, Inc.	UUT 1
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel	
Model Number: Two Height Enclosure Serial Number: N/A	

Product Construction Summary:
16 GA carbon steel NEMA Type 1 enclosure (Red). Hinged doors with key lock.
FC2050 – Desigo branding label

Options/Subcomponent Summary:
Two Height Enclosure: Siemens (FHB2002-R1, FHD2004-U1, FHD2003-R2, FHD2006-U1, FHA2036-R1);
Panel Components: Siemens (FCM2018-U2, FCM2019-U2, FCI2016-U1, FCI2017-U1, FCA2015-U1, FN2001-U1, XCI2001-U1, FCA2016-A1, FCI2020-U1, FN2006-U1, FHA2031-U1, FHA2032-U1, FCM2023-U2, FCM2022-U2, FP2012-U1, BP-61)

UUT Properties

Weight (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
60	6.0	28.0	28.5	N/A	N/A	N/A

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022	ICC-ES AC156	2.5	1.0	1.5	4.00	3.00	1.67	0.67
		2.5	0.0					

Test Mounting Details: (Test Report: PR032091 Rev.3 (UUT6))



UUT1 was wall mounted - rigid to a wall fixture using four (4) 5/16" Grade 8 hex head bolts.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test.
Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100676-CR-001-R1

Manufacturer: Siemens Industry, Inc.	UUT 2
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel	
Model Number: Two Height Enclosure Serial Number: N/A	

Product Construction Summary:
16 GA carbon steel NEMA Type 1 enclosure (Black). Hinged doors with key lock.
FC2050 – Desigo branding label

Options/Subcomponent Summary:
Two Height Enclosure: Siemens (FHB2002-U1, FHD2004-U1, FHD2002-U2, FHD2006-U1);
Panel Components: Siemens (FCM2018-U3, FCM2019-U3, FCI2016-U1, FCI2017-U1, FCI2011-U1, FHA2032-U1, FP2011-U1, BP-61)

<i>UUT Properties</i>						
Weight (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
60	6.0	28.0	28.5	N/A	N/A	N/A

<i>UUT Highest Passed Seismic Run Information</i>									
Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)	
CBC 2022	ICC-ES AC156	2.5	1.0	1.5	4.00	3.00	1.67	0.67	
		2.5	0.0						

Test Mounting Details: (Test Report: PR032091 Rev.3 (UUT7))



UUT2 was wall mounted - rigid to a wall fixture using four (4) 5/16" Grade 8 hex head bolts.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test.
Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET

2100676-CR-001-R1



Manufacturer: Siemens Industry, Inc.	UUT 3
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel	
Model Number: One Height Enclosure Serial Number: N/A	

Product Construction Summary:
16 GA carbon steel NEMA Type 1 enclosure (Red). Hinged doors with key lock.
FT2050 – Desigo branding label

Options/Subcomponent Summary:
One Height Enclosure: Siemens (FHB2001-R1, FHD2004-U1, FHD2001-R2, FHD2006-U1);
Panel Components: Siemens (FCM2018-U2, FCM2019-U2, FTI-2001-A1, FN2001-U1, FN2006-U1)

UUT Properties						
Weight (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
30	4.5	15.0	20.0	N/A	N/A	N/A

UUT Highest Passed Seismic Run Information									
Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)	
CBC 2022	ICC-ES AC156	2.5	1.0	1.5	4.00	3.00	1.67	0.67	
		2.5	0.0						

Test Mounting Details: (Test Report: PR032091 Rev.3 (UUT8))



UUT3 was wall mounted - rigid to a wall fixture using four (4) 5/16" Grade 8 hex head bolts.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test.
Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100676-CR-001-R1

Manufacturer: Siemens Industry, Inc.	UUT 4
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel	
Model Number: Two Height Enclosure Serial Number: N/A	

Product Construction Summary:
16 GA carbon steel NEMA Type 1 enclosure (Red). Hinged doors with key lock.
FT2050 – Desigo branding label

Options/Subcomponent Summary:
Two Height Enclosure: Siemens (FHB2002-U1/R1, FHD2004-U1);
Panel Components: Siemens (FCM2018-U2, FCM2019-U2, FCI2016-U1, FCI2017-U1, FP2011-U1, BP-61, FCL2004-U1 {2}, FTO2023-U2, XC206-2SFP-MM, XC206-2SFP-SM, NTRWK-MP-C, FCL-MXLPLATE)

<i>UUT Properties</i>						
Weight (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
71	6.0	21.5	28.5	N/A	N/A	N/A

<i>UUT Highest Passed Seismic Run Information</i>								
Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Test Mounting Details: (Test Report: JID 21-01589 Rev.0 (UUT1))



UUT4 was wall mounted - rigid to a wall fixture using six (6) 5/16"-18 SAE Grade 5 hex bolts with washers and lock washers torqued to 15ft.-lbs.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test.
Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100676-CR-001-R1

Manufacturer: Siemens Industry, Inc.	UUT 5
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel	
Model Number: NTRWK-ENCL Serial Number: N/A	

Product Construction Summary:
16 GA carbon steel NEMA Type 1 enclosure (Black). Hinged doors with key lock.
Siemens Brand Label

Options/Subcomponent Summary:
Panel Components: Siemens (FP2011-U1, XC206-2SFP-MM, XC206-2SFP-SM, BT-33, PAD-4-MB, P4AP)

<i>UUT Properties</i>						
Weight (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
46	8.0	20.5	20.5	N/A	N/A	N/A

<i>UUT Highest Passed Seismic Run Information</i>								
Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022	ICC-ES AC156	2.0 2.5	1.0 0.0	1.5	3.20	2.40	1.67	0.67

Test Mounting Details: (Test Report: JID 21-01589 Rev.0 (UUT2))



UUT5 was wall mounted - rigid to a wall fixture using four (4) 5/16"-18 SAE Grade 5 hex bolts with washers and lock washers torqued to 15ft.-lbs.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test.
Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100676-CR-001-R1

Manufacturer: Siemens Industry, Inc.	UUT 6
Model Line: FC2025/2050, FT2050, FC922/924, FT924 Fire Alarm Control Panel	
Model Number: Two Height Enclosure Serial Number: N/A	

Product Construction Summary:
16 GA carbon steel NEMA Type 1 enclosure (Black). Hinged doors with key lock.
FT2050 – Desigo branding label

Options/Subcomponent Summary:
Enclosure: Siemens (MXL-IQ);
Panel Components: Siemens (FCM2018-U2, FCM2019-U2, FCI2016-U1, FCI2017-U1, FP2011-U1, BP-61, FCL2004-U1 {2}, FHA-MIQKIT)

UUT Properties

Weight (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
68	6.0	21.5	27.5	N/A	N/A	N/A

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Test Mounting Details: (Test Report: JID 21-01589 Rev.0 (UUT3))



UUT6 was wall mounted - rigid to a wall fixture using four (4) 5/16"-18 SAE Grade 5 hex bolts with washers and lock washers torqued to 15ft.-lbs.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test.
Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100676-CR-001-R1

Manufacturer: Siemens Industry, Inc.	UUT 7
Model Line: Firefinder XLS, Desigo Life Safety Modular, & Cerberus PRO Modular	
Model Number: CAB-3 w/X200, XVCC Serial Number: N/A	

Product Construction Summary:
Painted, cold rolled carbon steel power supply enclosure, NEMA type 1 enclosure.

Options/Subcomponent Summary:
Panel Components: Siemens (X200)

UUT Properties

Weight (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
101	6.9	26.1	62.5	N/A	N/A	N/A

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Test Mounting Details: (Test Report: TR-PR163923 Rev.1 (EUT3))



UUT7 was wall mounted - rigid to a wall fixture using six (6) 5/16" Grade 5 bolts and washers. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.