



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

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

OFFICE USE ONLY

APPLICATION #: OSP-0893

HCAI Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Comsys AB

Manufacturer's Technical Representative: Albin Thol

Mailing Address: Kalkstensvägen 5, S-224 78 Lund, Sweden

Telephone: +46 10 209 68 27

Email: albin.thol@comsys.se

Product Information

Product Name: Active Dynamic Filters

Product Model Number(s): ADF P300 and ADF P100

Product Category: Power Isolation and Correction Systems

Product Sub-Category: Power Isolation and Correction Systems

General Description: Active Dynamic Filter for Voltage, Current, and Impedance Control

Mounting Description: Several - See Certified Product Tables and UUT Sheet

Tested Seismic Enhancements: None

Applicant Information

Applicant Company Name: TRU Compliance, by Structural Integrity Associates

Contact Person: Victoria Ahrens

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

Telephone: (541) 292-5820

Email: vahrens@structint.com

Title: Certification Engineer



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
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California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

Company Name: STRUCTURAL INTEGRITY ASSOCIATES, INC.

Name: LACHEZAR HANDZHIYSKI

California License Number: S6515

Mailing Address: 5215 Hellyer Avenue, Suite 210, San Jose, CA 95138

Telephone: (669) 437-0200

Email: Lhandzhiyski@StructInt.com

Certification Method

GR-63-Core

ICC-ES AC156

IEEE 344

IEEE 693

NEBS 3

Other (Please Specify): _____

Testing Laboratory

Company Name: RISE RESEARCH INSTITUTES OF SWEDEN AB

Contact Person: Albin Backstrand

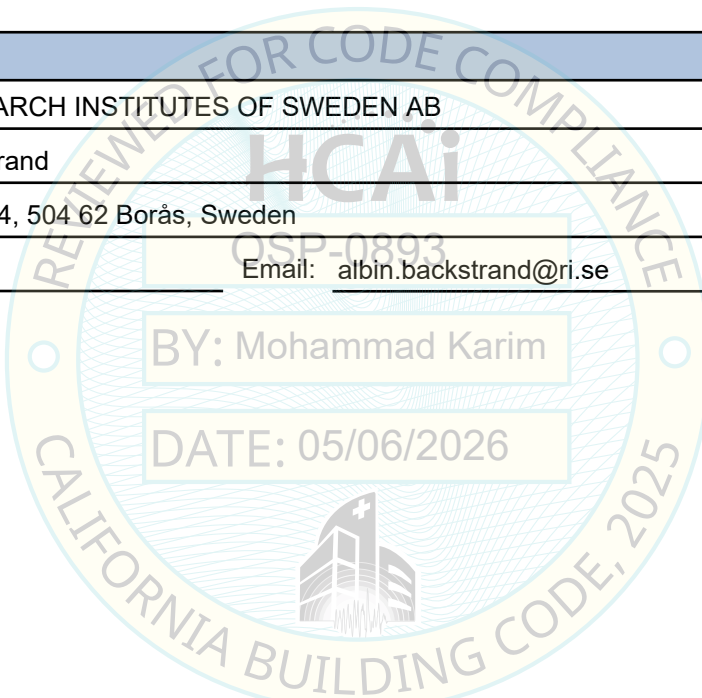
Mailing Address: Brinellgatan 4, 504 62 Borås, Sweden

Telephone: +46 10 516 53 26

Email: albin.backstrand@ri.se

BY: Mohammad Karim

DATE: 05/06/2026





**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
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Seismic Parameters

Certified Response Spectral Acceleration Factors:(Fp/Wp)

Horizontal	(A Flx-H), g=	<u>2.02</u>	(A Rig-H), g=	<u>1.36</u>
Vertical	(A Flx-V), g=	<u>1.34</u>	(A Rig-V), g=	<u>0.54</u>

SDS (Design spectral response acceleration at short period, g) = 1.26 @ z/h=1, 2.01 @ z/h=0

Hf (Force amplification height factor) = 3.5 @ z/h=1, 1 @ z/h=0

Ru (Structure ductility reduction factor) = 1.3 @ z/h=1, 1 @ z/h=0

Ip (Importance factor) = 1.5

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

HCAI Approval (For Office Use Only) - Approval Expires on 05/17/2032

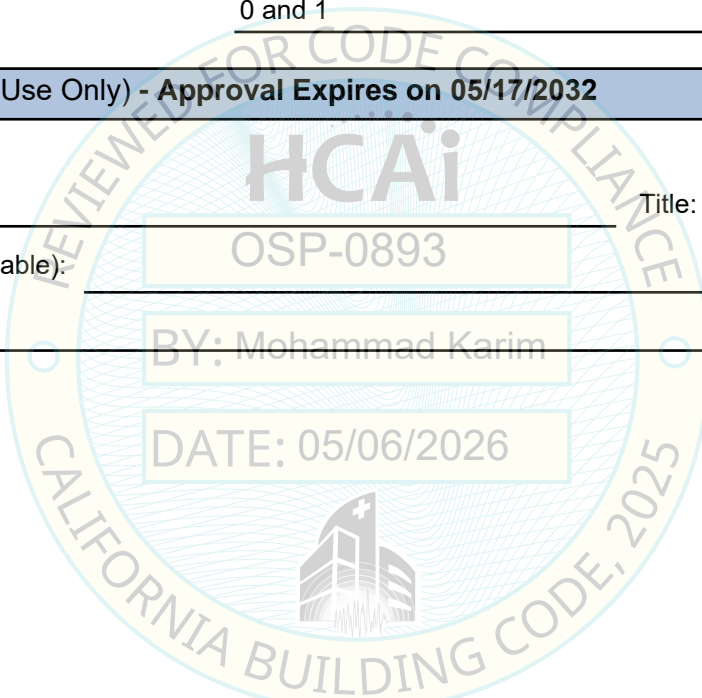
Date: 5/6/2026

Name: Mohammad Karim Title: Supervisor, Health Facilities

Condition of Approval (if applicable): OSP-0893

BY: Mohammad Karim

DATE: 05/06/2026



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

2552293-CR-001-R1



Manufacturer: Comsys AB	TABLE 1
Model Line: ADF P300	

Certified Product Construction Summary:
NEMA 2, 12 or 3R Carbon Steel Enclosure

Certified Options Summary:
Subcomponents are uniquely identified by model numbers below.
480V: 100A, 125A, 150A, 200A, 250A, 300A, 375A, 450A
600V: 90A, 180A, 270A
690V: 90A, 180A, 270A

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

Building Code: CBC 2025 **Seismic Certification Limits:** $S_{DS} = 1.26g$ $z/h=1.0$ $R_{\mu} = 1.3$ $H_f = 3.5$ $I_p = 1.5$
 $S_{DS} = 2.01g$ $z/h=0.0$ $R_{\mu} = 1.0$ $H_f = 1.0$

Model Line	Model ^{1,2,3,4}	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
ADF P300 (480V)	ADF P300-100/480-UL_OXA_EBXX2S--N2	25.8	23.9	85.4	677	UL/cUL	Interp.
	ADF P300-100/480-UL_OXA_EBXX2S--12	25.8	23.9	89.0	699	UL/cUL	Interp.
	ADF P300-100/480-UL_OXA_EBXX2S--3R	27.1	23.9	89.0	743	UL/cUL	Interp.
	ADF P300-100/480_OXA_EBXX2S--N2	25.8	23.9	85.4	677	IEC/CE	Interp.
	ADF P300-100/480_OXA_EBXX2S--12	25.8	23.9	89.0	699	IEC/CE	Interp.
	ADF P300-100/480_OXA_EBXX2S--3R	27.1	23.9	89.0	743	IEC/CE	Interp.
	ADF P300-125/480-UL_04B_EB1R2S--N2	25.8	23.9	85.4	677	UL/cUL; UUT: HC125C5N2SF	2
	ADF P300-125/480-UL_OXA_EBXX2S--N2	25.8	23.9	85.4	677	UL/cUL	Interp.
	ADF P300-125/480-UL_OXA_EBXX2S--12	25.8	23.9	89.0	699	UL/cUL	Interp.
	ADF P300-125/480-UL_OXA_EBXX2S--3R	27.1	23.9	89.0	743	UL/cUL	Interp.
	ADF P300-125/480_OXA_EBXX2S--N2	25.8	23.9	85.4	677	IEC/CE	Interp.
	ADF P300-125/480_OXA_EBXX2S--12	25.8	23.9	89.0	699	IEC/CE	Interp.
	ADF P300-125/480_OXA_EBXX2S--3R	27.1	23.9	89.0	743	IEC/CE	Interp.
	ADF P300-150/480_OXA_EBXX2S--N2	25.8	23.9	85.4	714	IEC/CE	Interp.
	ADF P300-150/480_OXA_EBXX2S--12	25.8	23.9	89.0	736	IEC/CE	Interp.
	ADF P300-150/480_OXA_EBXX2S--3R	27.1	23.9	89.0	780	IEC/CE	Interp.
	ADF P300-200/480-UL_OXA_ECXX2S--N2	25.8	31.8	85.4	968	UL/cUL	Interp.
	ADF P300-200/480-UL_OXA_ECXX2S--12	25.8	31.8	89.0	990	UL/cUL	Interp.
	ADF P300-200/480-UL_OXA_ECXX2S--3R	27.1	31.8	89.0	1,034	UL/cUL	Interp.

Notes:

- "X" Indicates selection digit not critical to seismic performance; see nomenclature description
- "XX" corresponds with nomenclature description #8 and #9. When "XX" is 20 this will use 2x150A modules. When "XX" is 3S this will use 3x100A modules.
- Differences in models are software (UL Certified or not).
- There are no structural differences between NEMA 2, 12, and 3R enclosures.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

2552293-CR-001-R1



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Model Line: ADF P300	

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NEMA 2, 12 or 3R Carbon Steel Enclosure

Certified Options Summary:
Subcomponents are uniquely identified by model numbers below.
480V: 100A, 125A, 150A, 200A, 250A, 300A, 375A, 450A
600V: 90A, 180A, 270A
690V: 90A, 180A, 270A

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

Building Code: CBC 2025 **Seismic Certification Limits:** $S_{DS} = 1.26 g$ $z/h = 1.0$ $R_{\mu} = 1.3$ $H_f = 3.5$ $I_p = 1.5$
 $S_{DS} = 2.01 g$ $z/h = 0.0$ $R_{\mu} = 1.0$ $H_f = 1.0$

Model Line	Model ^{1,2,3,4}	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
ADF P300 (480V)	ADF P300-200/480_0XA_ECXX2S--N2	25.8	31.8	85.4	968	IEC/CE	Interp.
	ADF P300-200/480_0XA_ECXX2S--12	25.8	31.8	89.0	990	IEC/CE	Interp.
	ADF P300-200/480_0XA_ECXX2S--3R	27.1	31.8	89.0	1,034	IEC/CE	Interp.
	ADF P300-250/480-UL_0XA_ECXX2S--N2	25.8	31.8	85.4	968	UL/cUL	Interp.
	ADF P300-250/480-UL_0XA_ECXX2S--12	25.8	31.8	89.0	990	UL/cUL	Interp.
	ADF P300-250/480-UL_0XA_ECXX2S--3R	27.1	31.8	89.0	1,034	UL/cUL	Interp.
	ADF P300-250/480_0XA_ECXX2S--N2	25.8	31.8	85.4	968	IEC/CE	Interp.
	ADF P300-250/480_0XA_ECXX2S--12	25.8	31.8	89.0	990	IEC/CE	Interp.
	ADF P300-250/480_0XA_ECXX2S--3R	27.1	31.8	89.0	1,034	IEC/CE	Interp.
	ADF P300-300/480_0XA_ECXX2S--N2	25.8	31.8	85.4	1,005	IEC/CE	Interp.
	ADF P300-300/480_0XA_ECXX2S--12	25.8	31.8	89.0	1,027	IEC/CE	Interp.
	ADF P300-300/480_0XA_ECXX2S--3R	27.1	31.8	89.0	1,071	IEC/CE	Interp.
	ADF P300-300/480-UL_0XA_EDXX2S--N2	25.8	39.6	85.4	1,270	UL/cUL	Interp.
	ADF P300-300/480-UL_0XA_EDXX2S--12	25.8	39.6	89.0	1,292	UL/cUL	Interp.
	ADF P300-300/480-UL_0XA_EDXX2S--3R	27.1	39.6	89.0	1,336	UL/cUL	Interp.
	ADF P300-300/480_0XA_EDXX2S--N2	25.8	39.6	85.4	1,270	IEC/CE	Interp.
	ADF P300-300/480_0XA_EDXX2S--12	25.8	39.6	89.0	1,292	IEC/CE	Interp.
	ADF P300-300/480_0XA_EDXX2S--3R	27.1	39.6	89.0	1,336	IEC/CE	Interp.

Notes:

- "X" Indicates selection digit not critical to seismic performance; see nomenclature description
- "XX" corresponds with nomenclature description #8 and #9. When "XX" is 20 this will use 2x150A modules. When "XX" is 3S this will use 3x100A modules.
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690V: 90A, 180A, 270A

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 $S_{DS} = 2.01g$ $z/h=0.0$ $R_{\mu} = 1.0$ $H_f = 1.0$

Model Line	Model ^{1,2,3,4}	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
ADF P300 (600V)	ADF P300-50/600-UL_OXA_EBXX2S--N2	25.8	23.9	85.4	743	UL/cUL	Interp.
	ADF P300-50/600-UL_OXA_EBXX2S--12	25.8	23.9	89.0	765	UL/cUL	Interp.
	ADF P300-50/600-UL_OXA_EBXX2S--3R	27.1	23.9	89.0	809	UL/cUL	Interp.
	ADF P300-90/600-UL_OXA_EBXX2S--N2	25.8	23.9	85.4	743	UL/cUL	Interp.
	ADF P300-90/600-UL_OXA_EBXX2S--12	25.8	23.9	89.0	765	UL/cUL	Interp.
	ADF P300-90/600-UL_OXA_EBXX2S--3R	27.1	23.9	89.0	809	UL/cUL	Interp.
	ADF P300-180/600-UL_OXA_ECXX2S--N2	25.8	31.8	85.4	1,080	UL/cUL	Interp.
	ADF P300-180/600-UL_OXA_ECXX2S--12	25.8	31.8	89.0	1,102	UL/cUL	Interp.
	ADF P300-180/600-UL_OXA_ECXX2S--3R	27.1	31.8	89.0	1,146	UL/cUL	Interp.
	ADF P300-270/600-UL_OXA_EDXX2S--N2	25.8	39.6	85.4	1,426	UL/cUL	Interp.
	ADF P300-270/600-UL_OXA_EDXX2S--12	25.8	39.6	89.0	1,448	UL/cUL	Interp.
	ADF P300-270/600-UL_OXA_EDXX2S--3R	27.1	39.6	89.0	1,493	UL/cUL	Interp.
	ADF P300-270/600-UL_04A_ED3D2S--3R	27.1	39.6	89.0	1,493	UL/cUL	1

Notes:

- "X" Indicates selection digit not critical to seismic performance; see nomenclature description
- "XX" corresponds with nomenclature description #8 and #9. When "XX" is 20 this will use 2x150A modules. When "XX" is 3S this will use 3x100A modules.
- Differences in models are software (UL Certified or not).
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SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

2552293-CR-001-R1



Manufacturer: Comsys AB Model Line: ADF P300 and Eaton HC		TABLE 1.1	
MULTIPLE LISTINGS / BRANDED PRODUCTS			
COMSYS, Inc.	Eaton	Notes	UUT
ADF P300 (480V)			
ADF P300-100/480-UL_0XA_EBXX2S--N2	-	UL/cUL	Interp.
ADF P300-100/480-UL_0XA_EBXX2S--12	-	UL/cUL	Interp.
ADF P300-100/480-UL_0XA_EBXX2S--3R	-	UL/cUL	Interp.
ADF P300-100/480_0XA_EBXX2S--N2	-	IEC/CE	Interp.
ADF P300-100/480_0XA_EBXX2S--12	-	IEC/CE	Interp.
ADF P300-100/480_0XA_EBXX2S--3R	-	IEC/CE	Interp.
ADF P300-125/480-UL_04B_EB1R2S--N2	HC125C5N2SF	UL/cUL	2
ADF P300-125/480-UL_0XA_EBXX2S--N2	HC125C5N2SXX	UL/cUL	Interp.
ADF P300-125/480-UL_0XA_EBXX2S--12	HC125C5N12SXX	UL/cUL	Interp.
ADF P300-125/480-UL_0XA_EBXX2S--3R	HC125C5N3RSXX	UL/cUL	Interp.
ADF P300-125/480_0XA_EBXX2S--N2	HC125C5N2SXX	IEC/CE	Interp.
ADF P300-125/480_0XA_EBXX2S--12	HC125C5N12SXX	IEC/CE	Interp.
ADF P300-125/480_0XA_EBXX2S--3R	HC125C5N3RSXX	IEC/CE	Interp.
ADF P300-150/480_0XA_EBXX2S--N2	-	IEC/CE	Interp.
ADF P300-150/480_0XA_EBXX2S--12	-	IEC/CE	Interp.
ADF P300-150/480_0XA_EBXX2S--3R	-	IEC/CE	Interp.
ADF P300-200/480-UL_0XA_ECXX2S--N2	-	UL/cUL	Interp.
ADF P300-200/480-UL_0XA_ECXX2S--12	-	UL/cUL	Interp.
ADF P300-200/480-UL_0XA_ECXX2S--3R	-	UL/cUL	Interp.
ADF P300-200/480_0XA_ECXX2S--N2	-	IEC/CE	Interp.
ADF P300-200/480_0XA_ECXX2S--12	-	IEC/CE	Interp.
ADF P300-200/480_0XA_ECXX2S--3R	-	IEC/CE	Interp.
ADF P300-250/480-UL_0XA_ECXX2S--N2	HC250C5N2SXX	UL/cUL	Interp.
ADF P300-250/480-UL_0XA_ECXX2S--12	HC250C5N12SXX	UL/cUL	Interp.
ADF P300-250/480-UL_0XA_ECXX2S--3R	HC250C5N3RSXX	UL/cUL	Interp.
ADF P300-250/480_0XA_ECXX2S--N2	HC250C5N2SXX	IEC/CE	Interp.
ADF P300-250/480_0XA_ECXX2S--12	HC250C5N12SXX	IEC/CE	Interp.
ADF P300-250/480_0XA_ECXX2S--3R	HC250C5N3RSXX	IEC/CE	Interp.
ADF P300-300/480_0XA_ECXX2S--N2	-	IEC/CE	Interp.
ADF P300-300/480_0XA_ECXX2S--12	-	IEC/CE	Interp.
ADF P300-300/480_0XA_ECXX2S--3R	-	IEC/CE	Interp.
ADF P300-300/480-UL_0XA_EDXX2S--N2	-	UL/cUL	Interp.
ADF P300-300/480-UL_0XA_EDXX2S--12	-	UL/cUL	Interp.
ADF P300-300/480-UL_0XA_EDXX2S--3R	-	UL/cUL	Interp.
ADF P300-300/480_0XA_EDXX2S--N2	-	IEC/CE	Interp.
ADF P300-300/480_0XA_EDXX2S--12	-	IEC/CE	Interp.
ADF P300-300/480_0XA_EDXX2S--3R	-	IEC/CE	Interp.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

2552293-CR-001-R1



Manufacturer: Comsys AB		TABLE 1.1	
Model Line: ADF P300 and Eaton HC			
MULTIPLE LISTINGS / BRANDED PRODUCTS			
COMSYS, Inc.	Eaton	Notes	UUT
ADF P300-375/480-UL_OXA_EDXX2S--N2	HC375C5N2SXX	UL/cUL	Interp.
ADF P300-375/480-UL_OXA_EDXX2S--12	HC375C5N12SXX	UL/cUL	Interp.
ADF P300-375/480-UL_OXA_EDXX2S--3R	HC375C5N3RSXX	UL/cUL	Interp.
ADF P300-375/480_OXA_EDXX2S--N2	HC375C5N2SXX	IEC/CE	Interp.
ADF P300-375/480_OXA_EDXX2S--12	HC375C5N12SXX	IEC/CE	Interp.
ADF P300-375/480_OXA_EDXX2S--3R	HC375C5N3RSXX	IEC/CE	Interp.
ADF P300-450/480_OXA_EDXX2S--N2	-	IEC/CE	Interp.
ADF P300-450/480_OXA_EDXX2S--12	-	IEC/CE	Interp.
ADF P300-450/480_OXA_EDXX2S--3R	-	IEC/CE	Interp.
ADF P300 (600V) ¹			
ADF P300-50/600-UL_OXA_EBXX2S--N2	HC050C6N2SXX	UL/cUL	Interp.
ADF P300-50/600-UL_OXA_EBXX2S--12	HC050C6N12SXX	UL/cUL	Interp.
ADF P300-50/600-UL_OXA_EBXX2S--3R	HC050C6N3RSXX	UL/cUL	Interp.
ADF P300-90/600-UL_OXA_EBXX2S--N2	HC090C6N2SXX	UL/cUL	Interp.
ADF P300-90/600-UL_OXA_EBXX2S--12	HC090C6N12SXX	UL/cUL	Interp.
ADF P300-90/600-UL_OXA_EBXX2S--3R	HC090C6N3RSXX	UL/cUL	Interp.
ADF P300-180/600-UL_OXA_ECXX2S--N2	HC180C6N2SXX	UL/cUL	Interp.
ADF P300-180/600-UL_OXA_ECXX2S--12	HC180C6N12SXX	UL/cUL	Interp.
ADF P300-180/600-UL_OXA_ECXX2S--3R	HC180C6N3RSXX	UL/cUL	Interp.
ADF P300-270/600-UL_OXA_EDXX2S--N2	HC270C6N2SXX	UL/cUL	Interp.
ADF P300-270/600-UL_OXA_EDXX2S--12	HC270C6N12SXX	UL/cUL	Interp.
ADF P300-270/600-UL_OXA_EDXX2S--3R	HC270C6N3RSXX	UL/cUL	Interp.
ADF P300-270/600-UL_04A_ED3D2S--3R	HC270C6N3RS	UL/cUL	1
ADF P300 (690V)			
ADF P300-90/690_OXA_EBXX2S--N2	-	IEC/CE	Interp.
ADF P300-90/690_OXA_EBXX2S--12	-	IEC/CE	Interp.
ADF P300-90/690_OXA_EBXX2S--3R	-	IEC/CE	Interp.
ADF P300-180/690_OXA_ECXX2S--N2	-	IEC/CE	Interp.
ADF P300-180/690_OXA_ECXX2S--12	-	IEC/CE	Interp.
ADF P300-180/690_OXA_ECXX2S--3R	-	IEC/CE	Interp.
ADF P300-270/690_OXA_EDXX2S--N2	-	IEC/CE	Interp.
ADF P300-270/690_OXA_EDXX2S--12	-	IEC/CE	Interp.
ADF P300-270/690_OXA_EDXX2S--3R	-	IEC/CE	Interp.
Notes:			
1. All Eaton HC products are both IEC/CE and UL/cUL certified			

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

2552293-CR-001-R1



Manufacturer: Comsys AB	TABLE 1.2
Model Line: ADF P300 and Eaton HC	

Nomenclature

FOR REFERENCE ONLY

COMSYS

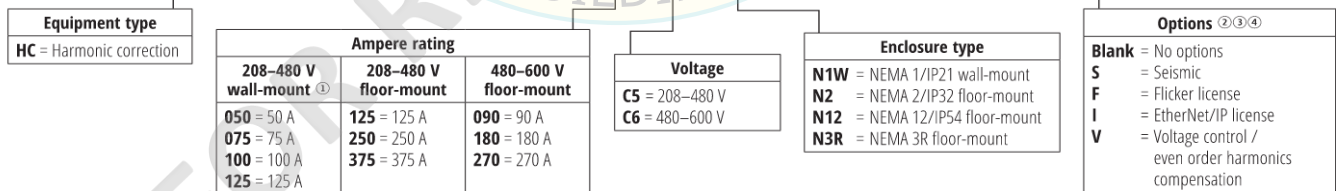
Product string *	ADF P300	270	600	-UL	04A	E	D	3	D	2	S	--	3R
Position	1	2	3	4	5	6	7	8	9	10	11	12-13	14

* The product string is written as: ADF P300-270/600-UL_04A_ED3D2S--3R

1 Product type ADF P300	3 Voltage 480 V 600 V 690 V	6 HMI E = 7" Display + PIB	9 PPM Type D = PPM300 90A/600V UL/cUL G = PPM300 90A/690V IEC/CE O = PPM300 150/480V IEC/CE V = PPM300 50A/600V UL/cUL R = PPM300 125A/480V IEC/CE/UL/cUL S = PPM300 100A/480V IEC/CE/UL/cUL	12 Reserved -
2 Current 50 A (600 V) 90 A (600/690V) 100 A (480 V) 125 A (480 V) 150 A (480 V) 180 A (600/690 V) 200 A (480 V) 250 A (480 V) 270 A (600/690 V) 300 A (480 V) 375 A (480 V) 450 A (480 V)	4 Certification -UL = UL/cUL = IEC/CE	7 Cabinet width B = 600mm C = 800mm D = 1000mm	10 Safety Option 2 = Breaker 100k	13 Reserved -
	5 Generation 04A = Gen. 4 05A = Gen. 5	8 No. of PPM's 1 = 1 PPM300 2 = 2 PPM300 3 = 3 PPM300	11 Seismic Option S = Seismic certification - = Not included	14 Protection class N2 = IP32/NEMA 2 12 = IP54/NEMA 12 3R = IP54/NEMA 3R

Eaton

HC 075 C5 N1W V



① 208-480 V wall-mount only available in NEMA 1 or IP21.

② Up to three options can be selected, S shall always be the first option. All other options should be selected in alphabetical order.

③ F shall not be used in conjunction with V.

④ V option includes two separate license keys, voltage control and even order harmonics compensation, which can operate independently or together as needed. This does not exclude odd order harmonics compensation.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

2552293-CR-001-R1



Manufacturer: Comsys AB	TABLE 2.2
Model Line: ADF P100 and Eaton HC	

**Nomenclature
FOR REFERENCE ONLY**

COMSYS

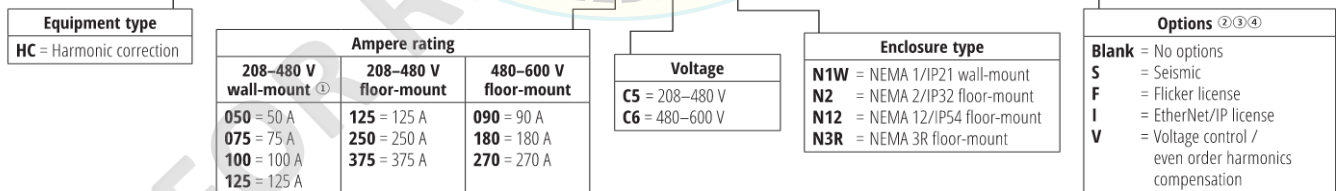
Product string *	ADF P100	125	480	_	04A	C	E	T	---	21
Position	1	2	3	4	5	6	7	8	9-11	12

* The product string is written as: ADF P100-125/480_04A_CET---21

1 Product type ADF P100	3 Voltage 480 V	6 ADF Link C = ADF Link	9 Reserved -	12 Protection class 21 = IP21/UL Type 1/Nema 1
2 Current 50 A (480V) 75 A (480 V) 100 A (480 V) 125 A (480 V)	4 Reserved -	7 HMI E = 7" Display + PIB S = External HMI	10 Reserved -	
	5 Generation 04A = Gen. 4 05A = Gen. 5	8 Fuse options F = Fused disconnect T = Standard terminals	11 Reserved -	

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UNIT UNDER TEST (UUT) SUMMARY SHEET

2552293-CR-001-R1



UUT 2

Manufacturer: Eaton
Product Type: Active Dynamic Filters
Product Function: Power Isolation and Correction Systems
Model Line: Eaton Harmonic Correction (HC)
Model Number: HC125C5N2SF
Serial Number: 2541009

Test Report: P126732rev1 (UUT2)

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
677	25.8	23.9	85.4	N/A	N/A	N/A

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	R _p	H _f	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	ICC-ES AC 156-24	2.00	1.0	1.3	3.5	1.5	3.20	2.15	1.67	0.67
		2.50	0.0	1.0	1.0					

Product Construction Summary:

NEMA 2 Carbon Steel Enclosure
 UL/cUL, IEC/CE Certified
 480V, 125A

Test Mounting Details:



Options/Subcomponent Summary:

Description	Mfr.	Part Number
n/a	n/a	n/a

UUT2 was base/wall mounted - rigid to the test fixture.
Base: Attached using four (4) M12 Grade 8.8 bolts and washers.
Wall: Mounting bracket (PN: 102816) to wall fixture was mounted using three (3) M12 Grade 8.8 bolts. Unit to mounting bracket was mounted using four (4) M12 Grade 8.8 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.

