



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-0008

HCAI Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Eaton Corporation

Manufacturer's Technical Representative: Alberto Moreno

Mailing Address: Av. Hermanos Escobar 7014, Parque Industrial Omega, Ciudad Juarez 32341

Telephone: (52656) 227-0400

Email: albertosandovalmoreno@eaton.com

Product Information

Product Name: DS-3, DT-3, KS, KT, EP, EPT Dry Type Transformers

Product Model Number(s): See attachments

Product Category: Transformers

Product Sub-Category: Transformers – Dry Type

General Description: Low Voltage Dry Type Distribution Transformers, 600V Maximum, Copper and Aluminum windings, ventilated (NEMA Type 2 and 3R), & encapsulated (NEMA Type 3R, 4 & 12).

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

Tested Seismic Enhancements: Seismic enhancements made to the test units and/or modifications required to address anomalies during the tests shall be incorporated into the production units.

Applicant Information

Applicant Company Name: W.E. GUNDY & ASSOCIATES INC.

Contact Person: Travis Soppe

Mailing Address: P.O. Box 9121, Boise, ID 83707

Telephone: (208) 342-5989

Email: tsoppe@wegai.com

Title: President



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

Company Name: W.E. GUNDY & ASSOCIATES INC.

Name: Travis Soppe California License Number: S6115

Mailing Address: P.O. Box 9121, Boise, ID 83707

Telephone: (208) 342-5989 Email: tsoppe@wegai.com

Certification Method

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

Testing Laboratory

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)

Contact Person: Jeremy Lange

Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513

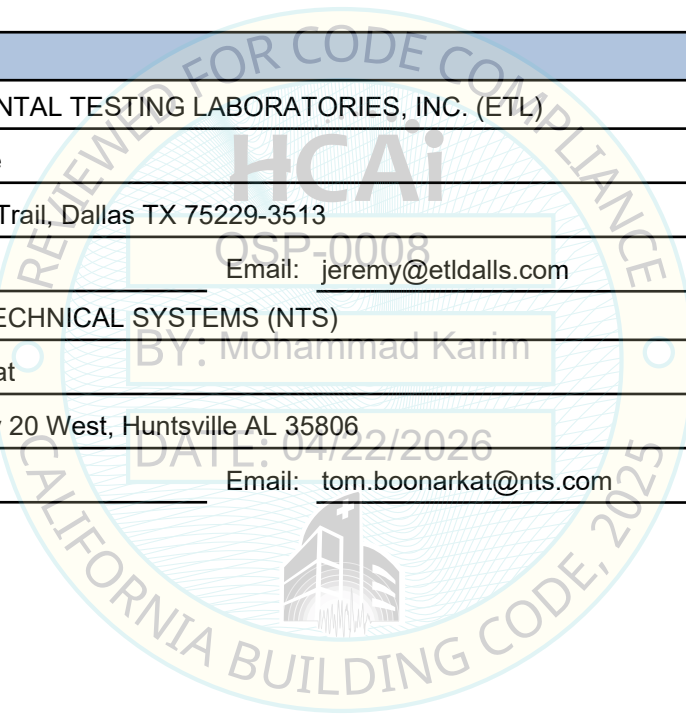
Telephone: (972) 247-9657 Email: jeremy@etldalls.com

Company Name: NATIONAL TECHNICAL SYSTEMS (NTS)

Contact Person: Tom Boonarkat

Mailing Address: 7800 Highway 20 West, Huntsville AL 35806

Telephone: (256) 837-4411 Email: tom.boonarkat@nts.com





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Seismic Parameters

Certified Response Spectral Acceleration Factors:(Fp/Wp)

Horizontal (A Flx-H), g= See Attachments (A Rig-H), g= See Attachments

Vertical (A Flx-V), g= See Attachments (A Rig-V), g= See Attachments

SDS (Design spectral response acceleration at short period, g) = See Attachments

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

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

Ip (Importance factor) = 1.5

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

HCAI Approval (For Office Use Only) - Approval Expires on 04/22/2032

Date: 4/22/2026

Name: Mohammad Karim Title: Supervisor, Health Facilities

Condition of Approval (if applicable): OSP-0008

BY: Mohammad Karim

DATE: 04/22/2026

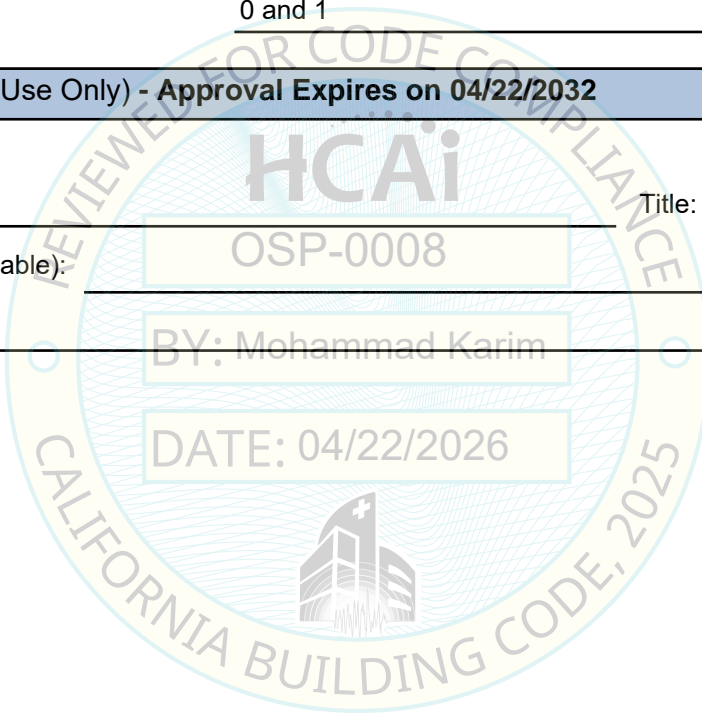


TABLE 1 Floor Mounted	EATON VENTILATED/NON VENTILATED DRY TYPE DISTRIBUTION TRANSFORMERS CERTIFIED PRODUCT LINE MATRIX	 WEGAI <small>W. E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING</small>
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¹ Model Line Identification	Phases	kVA Rating	Winding Material	² NEMA Rating	Max Dimensions (in) / Weight (lbs)				UUT ³
					Width	Depth	Height	Weight	
DT-3: MD05D92BES	3	5	AL	2	20.3	14.5	25.3	156	UUT _{y-7}
DS-3 / DS-3E / KS-4 KS-9 / KS-13 / KS-20 KS-30 / KS-40 / KS-50	1	5	AL	2 / 3R	16.9	15.8	30.3	180	Interpolated
	1	7.5	AL	2 / 3R	22.6	19.5	37.5	190	
	1	9	AL	2 / 3R	22.6	19.5	37.5	320	
	1	10	AL	2 / 3R	22.6	19.5	37.5	325	
	1	15	AL	2 / 3R	22.6	19.5	37.5	380	
	1	20	AL	2 / 3R	24.0	23.4	42.0	380	
	1	22.5	AL	2 / 3R	23.9	20.4	37.6	390	
	1	25	AL	2 / 3R	24.0	23.4	42.0	570	
	1	30	AL	2 / 3R	24.0	23.4	42.0	570	
	1	37.5	AL	2 / 3R	24.0	23.4	42.0	650	
	1	40	AL	2 / 3R	24.0	23.4	42.0	650	
	1	45	AL	2 / 3R	30.0	23.4	42.0	650	
	1	50	AL	2 / 3R	30.0	34.0	62.9	925	
	1	75	AL	2 / 3R	30.0	34.0	62.9	1200	
	1	100	AL	2 / 3R	30.0	34.0	62.9	1275	
1	150	AL	2 / 3R	30.0	34.0	62.9	1600		
1	167	AL	2 / 3R	30.0	34.0	62.9	1600		
DT-3 / DT-3E / KT-4 KT-9 / KT-13 / KT-20 KT-30 / KT-40 / KY-50	3	5	AL	2 / 3R	23.0	16.5	33.0	168	Interpolated
	3	6	AL	2 / 3R	23.0	16.5	33.0	168	
	3	7.5	AL	2 / 3R	23.0	16.5	33.3	430	
	3	9	AL	2 / 3R	23.0	16.5	33.3	430	
	3	10	AL	2 / 3R	23.0	18.4	33.0	430	
	3	11	AL	2 / 3R	23.0	18.4	33.0	430	
	3	14	AL	2 / 3R	23.0	18.4	33.0	430	
	3	15	AL	2 / 3R	29.0	22.0	42.3	430	
	3	20	AL	2 / 3R	29.0	20.4	42.3	440	
	3	22.5	AL	2 / 3R	23.0	32.8	40.5	440	
	3	25	AL	2 / 3R	23.0	32.8	42.0	580	
	3	27	AL	2 / 3R	23.0	32.8	42.0	590	
	3	30	AL	2 / 3R	29.0	23.8	42.2	590	
	3	34	AL	2 / 3R	24.2	23.8	42.0	605	
	3	37.5	AL	2 / 3R	24.2	23.8	42.0	605	

General Notes:

¹ Construction of the DS / KS and DT / KT models are identical, variation is limited to electrical and thermal ratings. DS-3E / DS-3 and DT-3E / DT-3 construction is similar with the DS-3 and DT-3 construction except the enclosures are non ventilated.

² All enclosures are constructed of carbon steel. NEMA 3R enclosure is identical to NEMA 2 with the inclusion of a drip shield.

³ Subscripts indicate the test report in which the units were qualified:
x - 17945-Rev2 / y - 70282R12 / z - 70566R12

CBC 2025 SEISMIC CERTIFICATION LIMITS	S _{DS} (g)	I _p	z / h	H _f	R _μ	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	1.50		1.0	3.5	1.3	2.4g	1.62g	-	-
	2.40	0.0	1.0	1.0	1.0	-	-	1.61g	0.65g

**TABLE 1
Floor Mounted**


**EATON VENTILATED/NON VENTILATED
DRY TYPE DISTRIBUTION TRANSFORMERS
CERTIFIED PRODUCT LINE MATRIX**



¹ Model Line Identification	Phases	kVA Rating	Winding Material	² NEMA Rating	Max Dimensions (in) / Weight (lbs)				UUT ³
					Width	Depth	Height	Weight	
DT-3 / DT-3E / KT-4 KT-9 / KT-13 / KT-20 KT-30 / KT-40 / KY-50	3	40	AL	2 / 3R	28.2	23.4	48.6	620	Interpolated
	3	45	AL	2 / 3R	30.0	17.0	30.3	620	
	3	50	AL	2 / 3R	30.6	34.0	48.6	1240	
	3	51	AL	2 / 3R	30.6	34.0	62.9	1240	
	3	60	AL	2 / 3R	30.6	34.0	62.9	1240	
	3	63	AL	2 / 3R	30.6	34.0	62.9	1240	
	3	75	AL	2 / 3R	30.6	34.0	62.9	1240	
	3	80	AL	2 / 3R	30.0	34.0	62.9	1250	
	3	93	AL	2 / 3R	30.0	34.0	62.9	1250	
	3	100	AL	2 / 3R	30.0	34.0	62.9	1250	
	3	112.5	AL	2 / 3R	36.7	32.5	62.2	1990	
	3	118	AL	2 / 3R	36.7	32.5	62.2	1800	
	3	125	AL	2 / 3R	36.7	32.5	62.2	1800	
	3	145	AL	2 / 3R	36.7	32.5	62.2	1800	
	3	150	AL	2 / 3R	36.7	32.5	62.2	1800	
	3	160	AL	2 / 3R	44.5	36.4	71.5	1800	
	3	167	AL	2 / 3R	44.5	36.4	71.5	1800	
	3	175	AL	2 / 3R	44.5	36.4	71.5	2416	
	3	220	AL	2 / 3R	44.5	36.4	71.5	2416	
	3	225	AL	2 / 3R	44.5	36.4	71.5	2416	
	3	250	AL	2 / 3R	44.5	36.4	71.5	2416	
	3	275	AL	2 / 3R	44.5	36.4	71.5	2416	
	3	300	AL	2 / 3R	44.5	36.4	71.5	2416	
3	330	AL	2 / 3R	44.5	36.4	71.5	2416		
3	350	AL	2 / 3R	44.5	36.4	71.5	2416		
3	400	AL	2 / 3R	44.5	36.4	71.5	2416		
3	440	AL	2 / 3R	44.8	42.8	71.5	2416		
DT-3: V48D28T55EE	3	500	AL	2	45.0	36.5	68.5	2416	UUT_{y-10}
DT-3 / DT-3E / KT-4 KT-9 / KT-13 / KT-20 KT-30 / KT-40 / KY-50	3	500	AL	2 / 3R	45.0	36.5	68.5	2416	Interpolated
	3	600	AL	2 / 3R	49.0	40.8	70.5	3435	
3	750	AL	2 / 3R	49.0	40.8	70.5	3460		
DT-3: V48D28T7716E	3	750	AL	2	49.0	40.8	70.5	3457	UUT_{x-6}

General Notes:
¹ Construction of the DS / KS and DT / KT models are identical, variation is limited to electrical and thermal ratings. DS-3E / DS-3 and DT-3E / DT-3 construction is similar with the DS-3 and DT-3 construction except the enclosures are non ventilated.
² All enclosures are constructed of carbon steel. NEMA 3R enclosure is identical to NEMA 2 with the inclusion of a drip shield.
³ Subscripts indicate the test report in which the units were qualified:
x - 17945-Rev2 / y - 70282R12 / z - 70566R12

CBC 2025 SEISMIC CERTIFICATION LIMITS	S _{DS} (g)	I _p	z / h	H _f	R _μ	A _{FLX-H}	A _{RIg-H}	A _{FLX-V}	A _{RIg-V}
	1.50		1.5	1.0	3.5	1.3	2.4g	1.62g	-
	2.40	0.0		1.0	1.0	-	-	1.61g	0.65g

TABLE 1 Floor Mounted	EATON VENTILATED/NON VENTILATED DRY TYPE DISTRIBUTION TRANSFORMERS CERTIFIED PRODUCT LINE MATRIX								 W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING							
	¹ Model Line Identification	Phases	kVA Rating	Winding Material	² NEMA Rating	Max Dimensions (in) / Weight (lbs)				UUT ³						
					Width	Depth	Height	Weight								
DS-3 / DS-3E / KS-4 KS-9 / KS-13 / KS-20 KS-30 / KS-40 / KS-50	1	5	CU	2 / 3R	16.9	15.8	30.3	210	Extrapolated							
	1	7.5	CU	2 / 3R	22.6	19.5	37.5	349								
	1	9	CU	2 / 3R	22.6	19.5	37.5	460								
	1	10	CU	2 / 3R	22.6	19.5	37.5	465								
	1	15	CU	2 / 3R	22.6	19.5	37.5	470								
KT-4: H48M28T45CUEELS42	2	45	CU	2	23.5	17.0	30.3	510	UUT_y-39							
DS-3 / DS-3E / KS-4 KS-9 / KS-13 / KS-20 KS-30 / KS-40 / KS-50	1	20	CU	2 / 3R	24.0	23.4	42.0	610	Interpolated							
	1	22.5	CU	2 / 3R	23.9	20.4	37.6	610								
	1	25	CU	2 / 3R	24.0	23.4	42.0	610								
	1	30	CU	2 / 3R	24.0	23.4	42.0	700								
	1	37.5	CU	2 / 3R	24.0	23.4	42.0	940								
	1	40	CU	2 / 3R	24.0	23.4	42.0	940								
	1	45	CU	2 / 3R	30.0	23.4	42.0	940								
	1	50	CU	2 / 3R	30.0	34.0	62.9	1730								
	1	75	CU	2 / 3R	30.0	34.0	62.9	1520								
	1	100	CU	2 / 3R	30.0	34.0	62.9	1850								
	1	150	CU	2 / 3R	30.0	34.0	62.9	1800								
DT-3 / DT-3E / KT-4 KT-9 / KT-13 / KT-20 KT-30 / KT-40 / KY-50	3	5	CU	2 / 3R	23.0	16.5	33.0	204	Interpolated							
	3	6	CU	2 / 3R	23.0	16.5	33.0	204								
	3	7.5	CU	2 / 3R	23.0	16.5	33.3	640								
	3	9	CU	2 / 3R	23.0	16.5	33.3	640								
	3	10	CU	2 / 3R	23.0	18.4	33.0	640								
	3	11	CU	2 / 3R	23.0	18.4	33.0	640								
	3	14	CU	2 / 3R	23.0	18.4	33.0	640								
	3	15	CU	2 / 3R	29.0	22.0	42.3	640								
	3	20	CU	2 / 3R	29.0	20.4	42.3	650								
DT-3: V44M31T12CU	3	112.5	CU	3R	29.8	21.8	39.5	762	UUT_z-25							
DT-3 / DT-3E / KT-4 KT-9 / KT-13 / KT-20 KT-30 / KT-40 / KY-50	3	25	CU	2 / 3R	23.0	32.8	42.0	850	Interpolated							
	3	27	CU	2 / 3R	23.0	32.8	42.0	910								
	3	30	CU	2 / 3R	29.0	23.8	42.2	990								
	3	34	CU	2 / 3R	24.2	23.8	42.0	990								
General Notes:																
¹ Construction of the DS / KS and DT / KT models are identical, variation is limited to electrical and thermal ratings. DS-3E / DS-3 and DT-3E / DT-3 construction is similar with the DS-3 and DT-3 construction except the enclosures are non ventilated.																
² All enclosures are constructed of carbon steel. NEMA 3R enclosure is identical to NEMA 2 with the inclusion of a drip shield.																
³ Subscripts indicate the test report in which the units were qualified: x - 17945-Rev2 / y - 70282R12 / z - 70566R12																
CBC 2025 SEISMIC CERTIFICATION LIMITS	S_{DS} (g)	I_p	z / h	H_f	R_μ	A_{FLX-H}	A_{RIG-H}	A_{FLX-V}	A_{RIG-V}							
	1.50									1.0	3.5	1.3	2.4g	1.62g	-	-
	2.40									0.0	1.0	1.0	-	-	1.61g	0.65g

**TABLE 1
Floor Mounted**

**EATON VENTILATED/NON VENTILATED
DRY TYPE DISTRIBUTION TRANSFORMERS
CERTIFIED PRODUCT LINE MATRIX**



¹ Model Line Identification	Phases	kVA Rating	Winding Material	² NEMA Rating	Max Dimensions (in) / Weight (lbs)				UUT ³
					Width	Depth	Height	Weight	
DT-3 / DT-3E / KT-4 KT-9 / KT-13 / KT-20 KT-30 / KT-40 / KY-50	3	37.5	CU	2 / 3R	24.2	23.8	42.0	990	Interpolated
	3	40	CU	2 / 3R	28.2	23.4	48.6	990	
	3	45	CU	2 / 3R	30.0	17.0	30.3	1300	
	3	50	CU	2 / 3R	30.6	34.0	48.6	1900	
	3	51	CU	2 / 3R	30.6	34.0	62.9	1900	
	3	60	CU	2 / 3R	30.6	34.0	62.9	2100	
	3	63	CU	2 / 3R	30.6	34.0	62.9	2100	
	3	75	CU	2 / 3R	30.6	34.0	62.9	2100	
	3	80	CU	2 / 3R	30.0	34.0	62.9	2400	
	3	93	CU	2 / 3R	30.0	34.0	62.9	2400	
	3	100	CU	2 / 3R	30.0	34.0	62.9	2400	
	3	112.5	CU	2 / 3R	36.7	32.5	62.2	2400	
	3	118	CU	2 / 3R	36.7	32.5	62.2	4200	
	3	125	CU	2 / 3R	36.7	32.5	62.2	4200	
	3	145	CU	2 / 3R	36.7	32.5	62.2	4200	
	3	150	CU	2 / 3R	36.7	32.5	62.2	4200	
	3	160	CU	2 / 3R	44.5	36.4	71.5	4200	
	3	167	CU	2 / 3R	44.5	36.4	71.5	4200	
	3	175	CU	2 / 3R	44.5	36.4	71.5	4200	
	3	220	CU	2 / 3R	44.5	36.4	71.5	4200	
	3	225	CU	2 / 3R	44.5	36.4	71.5	4200	
	3	250	CU	2 / 3R	44.5	36.4	71.5	4500	
	3	275	CU	2 / 3R	44.5	36.4	71.5	4500	
	3	300	CU	2 / 3R	44.5	36.4	71.5	4500	
	3	330	CU	2 / 3R	44.5	36.4	71.5	4683	
	3	350	CU	2 / 3R	44.5	36.4	71.5	4683	
3	400	CU	2 / 3R	44.5	36.4	71.5	4683		
3	440	CU	2 / 3R	44.8	42.8	71.5	4683		
3	500	CU	2 / 3R	45.0	36.5	68.5	4683		
KT-4: H48M28F55CU	3	500	CU	2	44.8	42.8	71.5	4683	UUT_z-11

General Notes:
¹ Construction of the DS / KS and DT / KT models are identical, variation is limited to electrical and thermal ratings. DS-3E / DS-3 and DT-3E / DT-3 construction is similar with the DS-3 and DT-3 construction except the enclosures are non ventilated.
² All enclosures are constructed of carbon steel. NEMA 3R enclosure is identical to NEMA 2 with the inclusion of a drip shield.
³ Subscripts indicate the test report in which the units were qualified:
x - 17945-Rev2 / y - 70282R12 / z - 70566R12

CBC 2025 SEISMIC CERTIFICATION LIMITS	S _{DS} (g)	I _p	z / h	H _f	R _μ	A _{FLEX-H}	A _{RIG-H}	A _{FLEX-V}	A _{RIG-V}
	1.50		1.5	1.0	3.5	1.3	2.4g	1.62g	-
	2.40	0.0		1.0	1.0	-	-	1.61g	0.65g


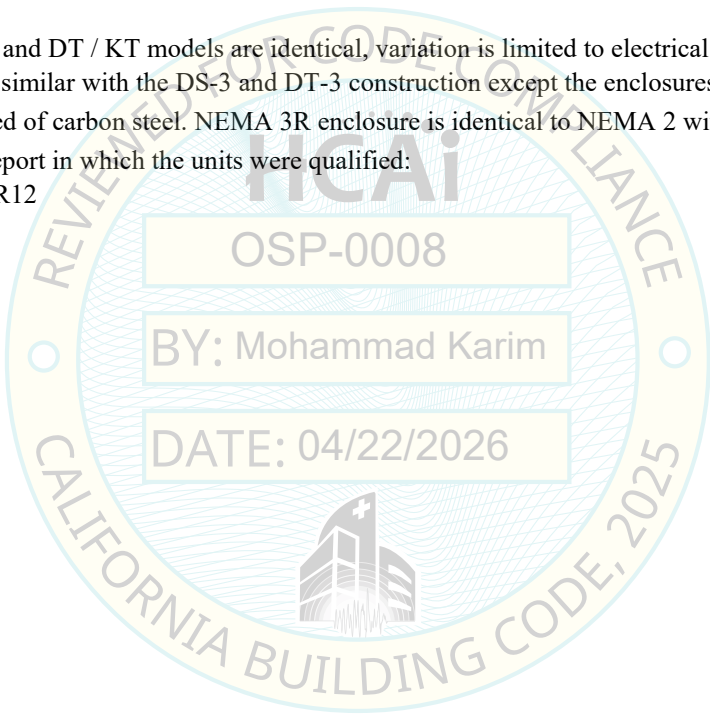
TABLE 2 Wall Mounted	EATON VENTILATED/NON VENTILATED DRY TYPE DISTRIBUTION TRANSFORMERS CERTIFIED PRODUCT LINE MATRIX								 W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING	
	¹ Model Line Identification	Phases	kVA Rating	Winding Material	² NEMA Rating	Max Dimensions (in) / Weight (lbs)				UUT ³
Width						Depth	Height	Weight		
DT-3: V44M28T15CU	3	15	CU	2	20.8	27.0	41.3	210	UUT _y -8	
DS-3 / DS-3E / KS-4 KS-9 / KS-13 / KS-20 KS-30 / KS-40 / KS-50	3	5	AL / CU	2 / 3R	16.9	15.8	30.3	210	Interpolated	
	1	7.5	AL / CU	2 / 3R	22.6	19.5	37.5	349		
	1	9	AL / CU	2 / 3R	22.6	19.5	37.5	460		
	1	10	AL / CU	2 / 3R	22.6	19.5	37.5	465		
	1	15	AL / CU	2 / 3R	22.6	19.5	37.5	400		
	1	20	AL / CU	2 / 3R	22.6	19.5	37.5	400		
	1	22.5	AL / CU	2 / 3R	22.6	19.5	37.5	400		
	1	25	AL / CU	2 / 3R	22.6	19.5	37.5	400		
	1	30	AL / CU	2 / 3R	22.6	19.5	37.5	400		
DT-3 / DT-3E / KT-4 KT-9 / KT-13 / KT-20 KT-30 / KT-40 / KY-50	1	37.5	AL / CU	2 / 3R	22.6	19.5	37.5	425	Interpolated	
	3	5	AL / CU	2 / 3R	23.0	16.5	33.0	204		
	3	6	AL / CU	2 / 3R	23.0	16.5	33.3	640		
	3	7.5	AL / CU	2 / 3R	23.0	16.5	33.3	640		
	3	9	AL / CU	2 / 3R	23.0	16.5	33.3	640		
	3	10	AL / CU	2 / 3R	23.0	18.4	33.0	640		
	3	11	AL / CU	2 / 3R	23.0	18.4	33.0	640		
	3	14	AL / CU	2 / 3R	23.0	18.4	33.0	640		
	3	20	AL / CU	2 / 3R	29.0	22.0	42.3	640		
	3	22.5	AL / CU	2 / 3R	29.0	22.0	40.5	650		
	3	25	AL / CU	2 / 3R	23.0	20.4	42.0	714		
	3	27	AL / CU	2 / 3R	23.0	32.8	42.0	714		
	3	30	AL / CU	2 / 3R	23.0	32.8	42.2	714		
	3	34	AL / CU	2 / 3R	24.2	23.8	42.0	714		
	3	35	AL / CU	2 / 3R	24.2	23.8	42.0	714		
	3	37.5	AL / CU	2 / 3R	24.2	23.8	42.0	714		
	3	40	AL / CU	2 / 3R	28.2	23.8	48.6	714		
	3	45	AL / CU	2 / 3R	28.2	23.4	48.6	714		
	3	50	AL / CU	2 / 3R	30.0	23.4	62.9	714		
	3	51	AL / CU	2 / 3R	30.6	34.0	62.9	714		
General Notes:										
¹ Construction of the DS / KS and DT / KT models are identical, variation is limited to electrical and thermal ratings. DS-3E / DS-3 and DT-3E / DT-3 construction is similar with the DS-3 and DT-3 construction except the enclosures are non ventilated.										
² All enclosures are constructed of carbon steel. NEMA 3R enclosure is identical to NEMA 2 with the inclusion of a drip shield.										
³ Subscripts indicate the test report in which the units were qualified: y - 70282R12 / z - 70566R12										
CBC 2025 SEISMIC CERTIFICATION LIMITS	S _{DS} (g)	I _p	z / h	H _f	R _μ	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}	
	2.30		1.0	3.5	1.3	3.68g	2.48g	-	-	
	2.50	0.0	1.0	1.0	-	-	1.68g	0.68g		

TABLE 2 Wall Mounted	EATON VENTILATED/NON VENTILATED DRY TYPE DISTRIBUTION TRANSFORMERS CERTIFIED PRODUCT LINE MATRIX	 WEGAI <small>W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING</small>
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¹ Model Line Identification	Phases	kVA Rating	Winding Material	² NEMA Rating	Max Dimensions (in) / Weight (lbs)				UUT ³
					Width	Depth	Height	Weight	
DT-3 / DT-3E / KT-4	3	60	AL / CU	2 / 3R	30.6	34.0	62.9	714	Interpolated
KT-9 / KT-13 / KT-20	3	63	AL / CU	2 / 3R	30.6	34.0	62.9	714	
KT-30 / KT-40 / KY-50	3	75	AL / CU	2 / 3R	29.5	26.8	55.0	714	
KT-4: H48M28B75EELS47	3	75	AL	2	29.5	26.8	55.0	714	UUT_y-40
DT-3 / DT-3E / KT-4	3	75	CU	2 / 3R	29.5	26.8	55.0	810	Interpolated
KT-9 / KT-13 / KT-20	3	93	CU	2 / 3R	29.5	26.8	55.0	810	
KT-30 / KT-40 / KY-50	3	100	CU	2 / 3R	30.0	34.0	62.9	810	
KT-30 / KT-40 / KY-50	3	112.5	CU	2 / 3R	30.0	34.0	62.9	810	
DT-3: V44M31T12CU	3	112.5	CU	2	29.5	28.0	55.0	810	UUT_y-9

General Notes:

- ¹ Construction of the DS / KS and DT / KT models are identical, variation is limited to electrical and thermal ratings. DS-3E / DS-3 and DT-3E / DT-3 construction is similar with the DS-3 and DT-3 construction except the enclosures are non ventilated.
- ² All enclosures are constructed of carbon steel. NEMA 3R enclosure is identical to NEMA 2 with the inclusion of a drip shield.
- ³ Subscripts indicate the test report in which the units were qualified:
 - y - 70282R12 / z - 70566R12



CBC 2025 SEISMIC CERTIFICATION LIMITS	S_{DS} (g)	I_p	z / h	H_f	R_μ	A_{FLX-H}	A_{RIG-H}	A_{FLX-V}	A_{RIG-V}
	2.30		1.0	3.5	1.3	3.68g	2.48g	-	-
	2.50	0.0	1.0	1.0	1.0	-	-	1.68g	0.68g

**TABLE 3
Floor Mounted**

**EATON ENCAPSULATED TRANSFORMERS
CERTIFIED PRODUCT LINE MATRIX**



¹ Model Line Identification	Phases	kVA Rating	Winding Material	² NEMA Rating	Max Dimensions (in) / Weight (lbs)				UUT ³	
					Width	Depth	Height	Weight		
EP - SxxXxxX03x	1	3	AL / CU	3R / 4 / 12	16.9	10.0	12.8	230	Extrapolated	
EP - SxxXxxX04x	1	4	AL / CU	3R / 4 / 12	19.6	10.5	15.8	240		
EP - SxxXxxX05x	1	5	AL / CU	3R / 4 / 12	29.7	10.0	12.1	240		
EP - SxxXxxX06x	1	6	AL / CU	3R / 4 / 12	20.0	10.5	15.8	375		
EP - SxxXxxX07x	1	7.5	AL / CU	3R / 4 / 12	20.0	10.5	15.8	380		
EP - SxxXxxX09x	1	9	AL / CU	3R / 4 / 12	20.0	10.5	15.8	500		
EP - SxxXxxX10x	1	10	AL / CU	3R / 4 / 12	20.0	14.1	15.8	350		
EP - SxxXxxX15x	1	15	AL / CU	3R / 4 / 12	24.8	14.7	26.8	615		
EP - SxxXxxX21x	1	22.5	AL / CU	3R / 4 / 12	24.8	14.7	26.8	698		
EP - SxxXxxX25x	1	25	AL / CU	3R / 4 / 12	24.8	14.7	26.8	698		
EP - SxxXxxX37x	1	37.5	AL / CU	3R / 4 / 12	30.3	15.7	32.1	698		
EPT - YxxXxxX03x	3	3	AL / CU	3R / 4 / 12	16.9	10.0	12.8	230		
EPT - YxxXxxX05x	3	5	AL / CU	3R / 4 / 12	19.6	10.5	15.8	240		
EPT - YxxXxxX06x	3	6	AL / CU	3R / 4 / 12	29.7	10.0	12.1	375		
EPT - YxxXxxX07x	3	7.5	AL / CU	3R / 4 / 12	29.7	10.0	12.1	400		
EPT - YxxXxxX09x	3	9	AL / CU	3R / 4 / 12	29.7	10.5	15.8	425		
EPT - YxxXxxX10x	3	10	AL / CU	3R / 4 / 12	29.7	10.5	15.8	450		
EPT: Y38M28T30N	3	30	AL	3R	25.3	12.8	26.8	528		UUT_y-44
EPT - YxxXxxX15x	3	15	AL / CU	3R / 4 / 12	29.7	14.1	25.5	615		Interpolated
EPT - YxxXxxX21x	3	22.5	AL / CU	3R / 4 / 12	29.7	14.1	25.5	750		
EPT - YxxXxxX25x	3	25	AL / CU	3R / 4 / 12	24.8	14.7	28.2	800		
EPT - YxxXxxX30x	3	30	AL / CU	3R / 4 / 12	24.8	14.7	28.2	850		
EPT - YxxXxxX45x	3	45	AL / CU	3R / 4 / 12	30.3	15.7	32.1	1312		
EPT - YxxXxxX50x	3	50	AL / CU	3R / 4 / 12	30.5	15.9	32.4	1312		
EPT - YxxXxxX75x	3	75	AL / CU	3R / 4 / 12	30.5	15.9	32.4	1312		
EPT: Y39M63T75X	3	75	AL	3R	30.3	15.8	32.3	1312	UUT_y-14	
EPT - YxxXxxX75x	3	75	CU	3R / 4 / 12	30.5	15.9	32.4	1515	Interpolated	
EPT: Y39M28T75Y75034	3	75	CU	3R	30.5	15.9	32.4	1515	UUT_z-12	

General Notes:

¹ See Table 5 for Eaton Catalog Identification Reference

² All enclosures are constructed of carbon steel. NEMA 2 / 12 enclosures are identical to NEMA 3R with the inclusion of a gaskets.

³ Subscripts indicate the test report in which the units were qualified:

_y - 70282R12 / _z - 70566R12

CBC 2025 SEISMIC CERTIFICATION LIMITS	S _{DS} (g)	I _p	z / h	H _f	R _μ	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	2.30		1.5	1.0	3.5	1.3	3.68g	2.48g	-
	2.50	0.0		1.0	1.0	-	-	1.68g	0.68g

TABLE 4
Wall Mounted

EATON ENCAPSULATED TRANSFORMERS
CERTIFIED PRODUCT LINE MATRIX



¹ Model Line Identification	Phases	kVA Rating	Winding Material	² NEMA Rating	Max Dimensions (in) / Weight (lbs)				UUT ³
					Width	Depth	Height	Weight	
EP: S10N04A81N	1	0.05	CU	3R	4.3	4.3	9.3	8	UUT_y-11
EP - SxxXxxX81x	1	0.05	CU	3R / 4 / 12	4.3	4.3	9.3	8	Interpolated
EP - SxxXxxX85x	1	0.075	CU	3R / 4 / 12	4.6	4.1	6.4	9	
EP - SxxXxxX82x	1	0.1	CU	3R / 4 / 12	4.6	4.1	6.4	10	
EP - SxxXxxX83x	1	0.15	CU	3R / 4 / 12	4.6	4.1	6.4	15	
EP - SxxXxxX26x	1	0.25	CU	3R / 4 / 12	4.6	5.2	8.6	20	
EP - SxxXxxX51x	1	0.5	CU	3R / 4 / 12	5.7	6.0	8.6	35	
EP - SxxXxxX76x	1	0.75	CU	3R / 4 / 12	5.7	6.0	10.8	50	
EP - SxxXxxX01x	1	1	CU	3R / 4 / 12	6.1	6.6	10.8	55	
EP - SxxXxxX16x	1	1.5	CU	3R / 4 / 12	7.7	8.0	11.1	75	
EP - SxxXxxX02x	1	2	CU	3R / 4 / 12	7.7	8.0	11.1	80	
EP - SxxXxxX03x	1	3	AL / CU	3R / 4 / 12	16.9	10.0	12.8	420	
EP - SxxXxxX04x	1	4	AL / CU	3R / 4 / 12	19.6	10.5	15.8	440	
EP - SxxXxxX05x	1	5	AL / CU	3R / 4 / 12	29.7	10.0	12.1	440	
EP - SxxXxxX06x	1	6	AL / CU	3R / 4 / 12	20.0	10.5	15.8	480	
EP - SxxXxxX07x	1	7.5	AL / CU	3R / 4 / 12	20.0	10.5	15.8	570	
EP - SxxXxxX09x	1	9	AL / CU	3R / 4 / 12	20.0	10.5	15.8	580	
EP - SxxXxxX10x	1	10	AL / CU	3R / 4 / 12	20.0	14.1	15.8	430	
EP - SxxXxxX15x	1	15	AL / CU	3R / 4 / 12	24.8	14.7	26.8	615	
EP - SxxXxxX21x	1	22.5	AL / CU	3R / 4 / 12	24.8	14.7	26.8	698	
EP - SxxXxxX25x	1	25	AL / CU	3R / 4 / 12	24.8	14.7	26.8	698	
EP - SxxXxxX37x	1	37.5	AL / CU	3R / 4 / 12	30.3	15.7	32.1	698	
EPT: Y38D37T15CU	3	15	CU	3R	20.3	10.6	17.5	300	UUT_z-13
EPT - YxxXxxX03x	3	3	AL / CU	3R / 4 / 12	16.9	10.0	12.8	420	Interpolated
EPT - YxxXxxX05x	3	5	AL / CU	3R / 4 / 12	19.6	10.5	15.8	440	
EPT - YxxXxxX06x	3	6	AL / CU	3R / 4 / 12	29.7	10.0	12.1	480	
EPT - YxxXxxX09x	3	9	AL / CU	3R / 4 / 12	29.7	10.5	15.8	580	
EPT - YxxXxxX15x	3	15	AL / CU	3R / 4 / 12	28.3	15.0	26.8	650	
EPT - YxxXxxX30x	3	30	AL / CU	3R / 4 / 12	28.3	15.0	26.8	698	
EPT - YxxXxxX45x	3	45	AL / CU	3R / 4 / 12	28.3	15.0	26.8	698	
EPT: Y45001	3	45	AL	3R	28.3	15.0	26.8	698	UUT_z-15
EPT - YxxXxxX45x	3	45	CU	3R / 4 / 12	28.3	15.0	26.8	818	Interpolated
EPT: Y48M28T45CU	3	45	CU	3R	28.3	14.8	26.8	818	UUT_y-12

General Notes:

¹ See Table 5 for Eaton Catalog Identification Reference

² All enclosures are constructed of carbon steel. NEMA 2 / 12 enclosures are identical to NEMA 3R with the inclusion of a gaskets.

³ Subscripts indicate the test report in which the units were qualified:

_y - 70282R12 / _z - 70566R12

CBC 2025 SEISMIC CERTIFICATION LIMITS	S _{DS} (g)	I _p	z / h	H _f	R _μ	A _{FLX-H}	A _{RIG-H}	A _{FLX-V}	A _{RIG-V}
	2.30		1.5	1.0	3.5	1.3	3.68g	2.48g	-
	2.50	0.0		1.0	1.0	-	-	1.68g	0.68g

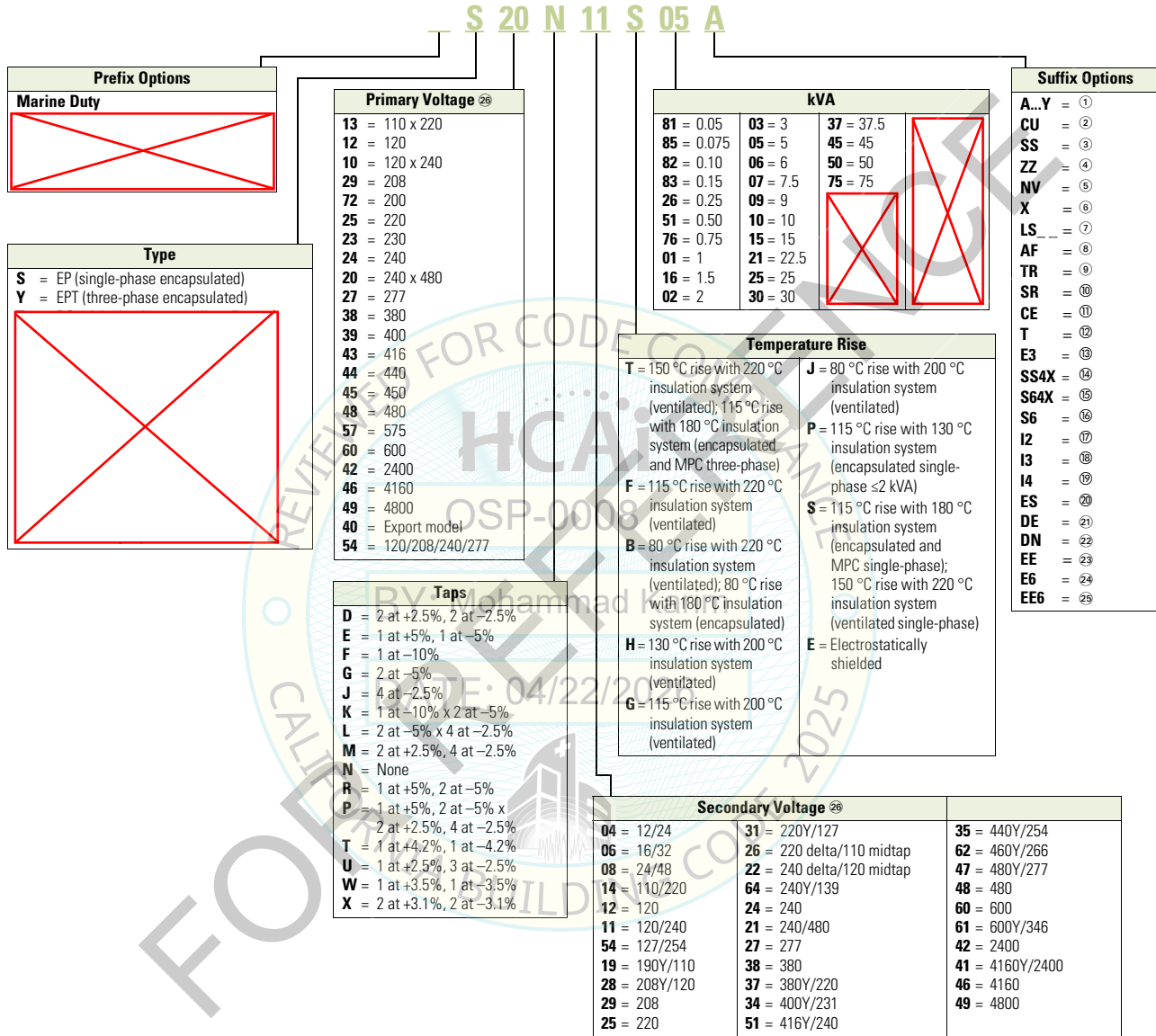



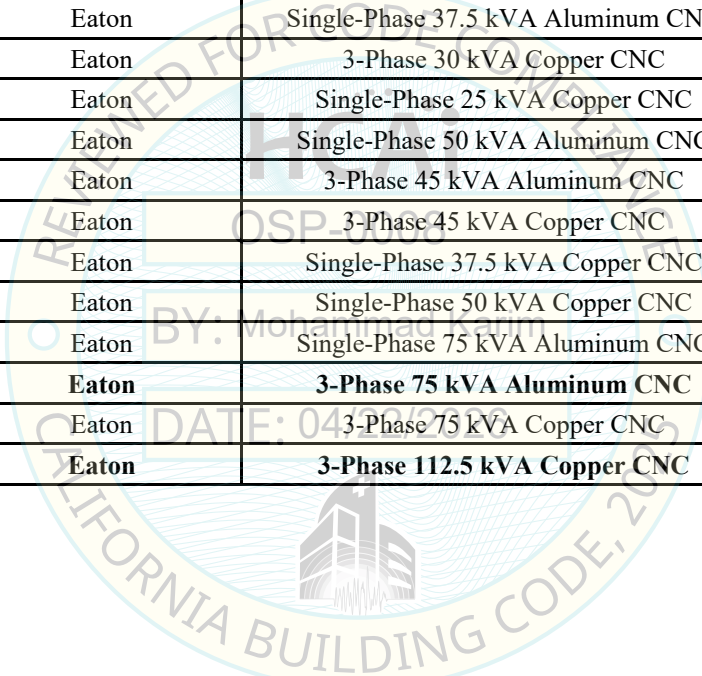
TABLE 6	EATON VENTILATED/NON VENTILATED DRY TYPE DISTRIBUTION TRANSFORMERS CERTIFIED SUBCOMPONENTS			
	Identification	Manufacturer	Description	Weight (lbs)
Ventilated / Non Ventilated Dry Type Transformers Core and Coil Assemblies - Floor Mounted Configurations				
912B-A	Eaton	3-Phase 5kVA Aluminum CNC	70	UUT_y-7
842A	Eaton	Single-Phase 15 kVA Aluminum CNC	140	interpolated
939-A	Eaton	3-Phase 15 kVA Aluminum CNC	144	interpolated
939-C	Eaton	3-Phase 15 kVA Copper CNC	185	interpolated
842A	Eaton	Single-Phase 25 kVA Aluminum CNC	210	interpolated
842C	Eaton	Single-Phase 15 kVA Copper CNC	216	interpolated
940-A	Eaton	3-Phase 30 kVA Aluminum CNC	262	interpolated
843A	Eaton	Single-Phase 37.5 kVA Aluminum CNC	270	interpolated
940-C	Eaton	3-Phase 30 kVA Copper CNC	290	interpolated
842C	Eaton	Single-Phase 25 kVA Copper CNC	295	interpolated
843A	Eaton	Single-Phase 50 kVA Aluminum CNC	330	interpolated
940-A	Eaton	3-Phase 45 kVA Aluminum CNC	331	interpolated
940-C	Eaton	3-Phase 45 kVA Copper CNC	403	interpolated
912B-C	Eaton	3-Phase 45 kVA Copper CNC	423	UUT_y-39
843C	Eaton	Single-Phase 37.5 kVA Copper CNC	440	interpolated
843C	Eaton	Single-Phase 50 kVA Copper CNC	450	interpolated
844A	Eaton	Single-Phase 75 kVA Aluminum CNC	490	interpolated
844A	Eaton	Single-Phase 100 kVA Aluminum CNC	580	interpolated
942-A	Eaton	3-Phase 75 kVA Aluminum CNC	582	interpolated
942-C	Eaton	3-Phase 75 kVA Copper CNC	604	interpolated
915D-C	Eaton	3-Phase 112.5 kVA Copper CNC	628	UUT_z-25
943-A	Eaton	3-Phase 112.5 kVA Aluminum CNC	762	interpolated
844C	Eaton	Single-Phase 75 kVA Copper CNC	890	interpolated
943-C	Eaton	3-Phase 112.5 kVA Copper CNC	900	interpolated
844C	Eaton	Single-Phase 100 kVA Copper CNC	950	interpolated
814A	Eaton	Single-Phase 167 kVA Aluminum CNC	1000	interpolated
943-A	Eaton	3-Phase 150 kVA Aluminum CNC	1013	interpolated
943-C	Eaton	3-Phase 150 kVA Copper CNC	1085	interpolated
944-A	Eaton	3-Phase 225 kVA Aluminum CNC	1454	interpolated
944-C	Eaton	3-Phase 225 kVA Copper CNC	1626	interpolated
814C	Eaton	Single-Phase 167 kVA Copper CNC	1665	interpolated
924-A	Eaton	3-Phase 500 kVA Aluminum CNC	1753	UUT_y-10
945-C	Eaton	3-Phase 300 kVA Copper CNC	2170	interpolated
926-A	Eaton	3-Phase 600 kVA Aluminum CNC	3042	interpolated
926-A	Eaton	3-Phase 750 kVA Aluminum CNC	3147	UUT_x-6
949-C	Eaton	3-Phase 500 kVA Copper CNC	3800	UUT_z-11
CBC 2025 SEISMIC CERTIFICATION LIMITS - I_p = 1.5; S_{DS} = 1.5 at z/h = 1.0 and S_{DS} = 2.4g at z/h = 0 A_{FLX-H} = 2.40g / A_{RIG-H} = 1.62g / A_{FLX-V} = 1.61g / A_{RIG-V} = 0.65g				

TABLE 7	EATON VENTILATED/NON VENTILATED DRY TYPE DISTRIBUTION TRANSFORMERS CERTIFIED SUBCOMPONENTS	 WEGAI <small>W.E. GUNDY & ASSOCIATES, INC. STRUCTURAL & EARTHQUAKE ENGINEERING</small>
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Identification	Manufacturer	Description	Weight (lbs)	Representative UUT ¹
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**Ventilated / Non Ventilated Dry Type Transformers
Core and Coil Assemblies - Wall Mounted Configurations**

912B-C	Eaton	3-Phase 15 kVA Copper CNC	123	UUT_y-8
842A	Eaton	Single-Phase 15 kVA Aluminum CNC	140	interpolated
939-A	Eaton	3-Phase 15 kVA Aluminum CNC	144	interpolated
939-C	Eaton	3-Phase 15 kVA Copper CNC	185	interpolated
842A	Eaton	Single-Phase 25 kVA Aluminum CNC	210	interpolated
842C	Eaton	Single-Phase 15 kVA Copper CNC	216	interpolated
940-A	Eaton	3-Phase 30 kVA Aluminum CNC	262	interpolated
843A	Eaton	Single-Phase 37.5 kVA Aluminum CNC	270	interpolated
940-C	Eaton	3-Phase 30 kVA Copper CNC	290	interpolated
842C	Eaton	Single-Phase 25 kVA Copper CNC	295	interpolated
843A	Eaton	Single-Phase 50 kVA Aluminum CNC	330	interpolated
940-A	Eaton	3-Phase 45 kVA Aluminum CNC	331	interpolated
940-C	Eaton	3-Phase 45 kVA Copper CNC	403	interpolated
843C	Eaton	Single-Phase 37.5 kVA Copper CNC	440	interpolated
843C	Eaton	Single-Phase 50 kVA Copper CNC	450	interpolated
844A	Eaton	Single-Phase 75 kVA Aluminum CNC	490	interpolated
915D-A	Eaton	3-Phase 75 kVA Aluminum CNC	580	UUT_y-40
942-C	Eaton	3-Phase 75 kVA Copper CNC	604	interpolated
915D-C	Eaton	3-Phase 112.5 kVA Copper CNC	628	UUT_y-9



CBC 2025 SEISMIC CERTIFICATION LIMITS - I_p = 1.5; S_{DS} = 2.3 at z/h = 1.0 and S_{DS} = 2.5g at z/h = 0
A_{FLX-H} = 3.68g / A_{RIG-H} = 2.48g / A_{FLX-V} = 1.68g / A_{RIG-V} = 0.68g

**EATON LV TRANSFORMERS CERTIFIED COMPONENTS
UNIT UNDER TEST INDEX**



UUT	Identification	kVA Rating	Test Date	Report #	Lab	Tested S _{DS}	
						z / h = 1	z / h = 0

Table 1: Vented / Non-Vented Dry Type Transformers- Floor Mounted

UUT _y -7	DT-3: MD05D92BES	5	June 18-22,2012	70282R12	Wyle, AL	2.50	2.50
UUT _y -10	DT-3: V48D28T55EE	500	June 18-22,2012	70282R12	Wyle, AL	2.10	2.50
UUT _y -39	KT-4: H48M28T45CUEELS4	45	June 18-22,2012	70282R12	Wyle, AL	2.50	2.50
UUT _z -25	DT-3: V44M31T12CU	112.5	Oct. 28 - Nov. 2, 2012	70566R12	Wyle, AL	2.10	2.50
UUT _z -11	KT-4: H48M28F55CU	500	Oct. 28 - Nov. 2, 2012	70566R12	Wyle, AL	2.10	2.50
UUT _x -6	DT-3: V48D28T7716E	750	December 9, 2025	17945Rev2	ETL, TX	1.50	2.40

Table 2: Vented / Non-Vented Dry Type Transformers- Wall Mounted

UUT _y -8	DT-3: V44M28T15CU	15	June 18-22,2012	70282R12	Wyle, AL	2.50	2.50
UUT _y -40	KT-4: H48M28B75EELS47	75	June 18-22,2012	70282R12	Wyle, AL	2.50	2.50
UUT _y -9	DT-3: V44M31T12CU	112.5	June 18-22,2012	70282R12	Wyle, AL	2.50	2.50

Table 3: Encapsulated Transformers- Floor Mounted

UUT _y -44	EPT: Y38M28T30N	30	June 18-22,2012	70282R12	Wyle, AL	2.50	2.50
UUT _y -14	EPT: Y39M63T75X	75	June 18-22,2012	70282R12	Wyle, AL	2.50	2.50
UUT _z -12	EPT: Y39M28T75Y75034	75	Oct. 28 - Nov. 2, 2012	70566R12	Wyle, AL	2.50	2.50

Table 4: Encapsulated Transformers- Wall Mounted

UUT _y -11	EP: S10N04A81N	0.05	June 18-22,2012	70282R12	Wyle, AL	2.50	2.50
UUT _z -13	EPT: Y38D37T15CU	15	Oct. 28 - Nov. 2, 2012	70566R12	Wyle, AL	2.50	2.50
UUT _z -15	EPT: Y45001	45	Oct. 28 - Nov. 2, 2012	70566R12	Wyle, AL	2.30	2.50
UUT _y -12	EPT: Y48M28T45CU	45	June 18-22,2012	70282R12	Wyle, AL	2.50	2.50

UUT_y-7

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Ventilated Dry Type Transformers	Test Date: June 18-22, 2012
Component: DT-3: MD05D92BES	Report Number: 70282R12
UUT Function: Voltage Transformation	
UUT Description: 5kVA, DT-3 3-Phase Transformer, NEMA 2 carbon steel enclosure, and Eaton Frame 912B-A Aluminum CNC.	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
156	20.3	14.5	25.3	18.0	20.0	> 33

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-10

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid floor mounted with (4) 5/8" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Ventilated Dry Type Transformers	Test Date: June 18-22, 2012
Component: DT-3: V48D28T55EE	Report Number: 70282R12

UUT Function: Voltage Transformation

UUT Description: 500kVA, DT-3 3-Phase Transformer, NEMA 2 carbon steel enclosure, and Eaton Frame 924-A Aluminum CNC

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
2,416	45.0	36.5	68.5	7.6	4.1	11.0

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.10	1.0	3.5	1.30	1.5	3.36	2.26	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-39

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Ventilated Dry Type Transformers	Test Date: June 18-22, 2012
Component: KT-4: H48M28T45CUEELS42	Report Number: 70282R12
UUT Function: Voltage Transformation	
UUT Description: 45kVA, KT-4 3-Phase Transformer, NEMA 2 carbon steel enclosure, and Eaton Frame 912B-C Copper CNC	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
510	23.5	17.0	30.3	10.5	13.0	22.0

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_Z-25

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Ventilated Dry Type Transformer	Test Date: Oct. 29 – Nov 2, 2012
Component: DT-3: V44M31T12CU	Report Number: 70566R12
UUT Function: Voltage Transformation	
UUT Description: 112.5kVA, DT-3 3-Phase Transformer, NEMA 3R carbon steel enclosure, and Eaton Frame 915D-C Copper CNC	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
762	29.8	21.8	39.5	7.8	5.8	23.0

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.10	1.0	3.5	1.30	1.5	3.36	2.26	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_z-11

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Ventilated Dry Type Transformers	Test Date: Oct. 29 – Nov 2, 2012
Component: KT-4: H48M28F55CU	Report Number: 70566R12
UUT Function: Voltage Transformation	
UUT Description: 500kVA, Type KT-4 3-Phase Transformer, NEMA 2 carbon steel enclosure, and Eaton Frame 949-C Copper CNC	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
4,683	44.8	42.8	71.5	4.6	5.1	24.0

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{AFLX-H} (g)	A _{ARIG-H} (g)	A _{AFLX-V} (g)	A _{ARIG-V} (g)
CBC 2025	2.10	1.0	3.5	1.30	1.5	3.36	2.26	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_{x-6}

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: ETL, Dallas TX
Product Line: Ventilated Dry Type Transformers	Test Date: December 9, 2025
Component: DT-3: V48D28T7716E	Report Number: 17945-Rev2
UUT Function: Voltage Transformation	
UUT Description: 750kVA, Type DT-3 3-Phase Transformer, NEMA 2 carbon steel enclosure, and Eaton Frame 926-A Aluminum CNC	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
3,457	49.0	40.8	70.5	9.5	7.1	9.6

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	1.50	1.0	3.5	1.30	1.5	2.40	1.62	-	-
	2.40	0	1.0	1.00	1.5	-	-	1.61	0.65

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-8

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (6) 1/2" grade 5 bolts. Transformer bolts to Eaton wall mount brackets (7073C96G01) with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Ventilated Dry Type Transformers	Test Date: June 18-22, 2012
Component: DT-3: V44M28T15CU	Report Number: 70282R12

UUT Function: Voltage Transformation

UUT Description: 15kVA, DT-3 3-Phase Transformer, NEMA 2 carbon steel enclosure, and Eaton Frame 912B-C Copper CNC

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
210	20.8	27.0	41.3	N/A	N/A	N/A

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-40

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (6) 1/2" grade 5 bolts thru Eaton wall mount brackets (7073C96G01) and (2) 3/8" bolts at the top of the transformer. Transformer base bolts to Eaton wall mount brackets with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Ventilated Dry Type Transformer	Test Date: June 18-22, 2012
Component: KT-4: H48M28B75EELS47	Report Number: 70282R12
UUT Function: Voltage Transformation	
UUT Description: 75kVA, KT-4 3-Phase Transformer, NEMA 2 carbon steel enclosure, and Eaton Frame 915D-A Aluminum CNC	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
714	29.5	26.8	55.0	N/A	N/A	N/A

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{Ds} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-9

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (6) 1/2" grade 5 bolts thru Eaton wall mount brackets (7073C96G01) and (2) 3/8" bolts at the top of the transformer. Transformer base bolts to Eaton wall mount brackets with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Ventilated Dry Type Transformers	Test Date: June 18-22, 2012
Component: DT-3: V44M31T12CU	Report Number: 70282R12
UUT Function: Voltage Transformation	
UUT Description: 112.5kVA, DT-3 3-Phase Transformer, NEMA 2 carbon steel enclosure, and Eaton Frame 915D-C Copper CNC	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
810	29.5	28.0	55.0	N/A	N/A	N/A

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-44

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Ventilated Dry Type Transformer	Test Date: June 18-22, 2012
Component: EPT: Y38M28T30N	Report Number: 70282R12
UUT Function: Voltage Transformation	
UUT Description: 30kVA, EPT 3-Phase Transformer, NEMA 3R carbon steel enclosure, Aluminum Windings	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
528	25.3	12.8	26.8	32.0	20.0	23.0

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

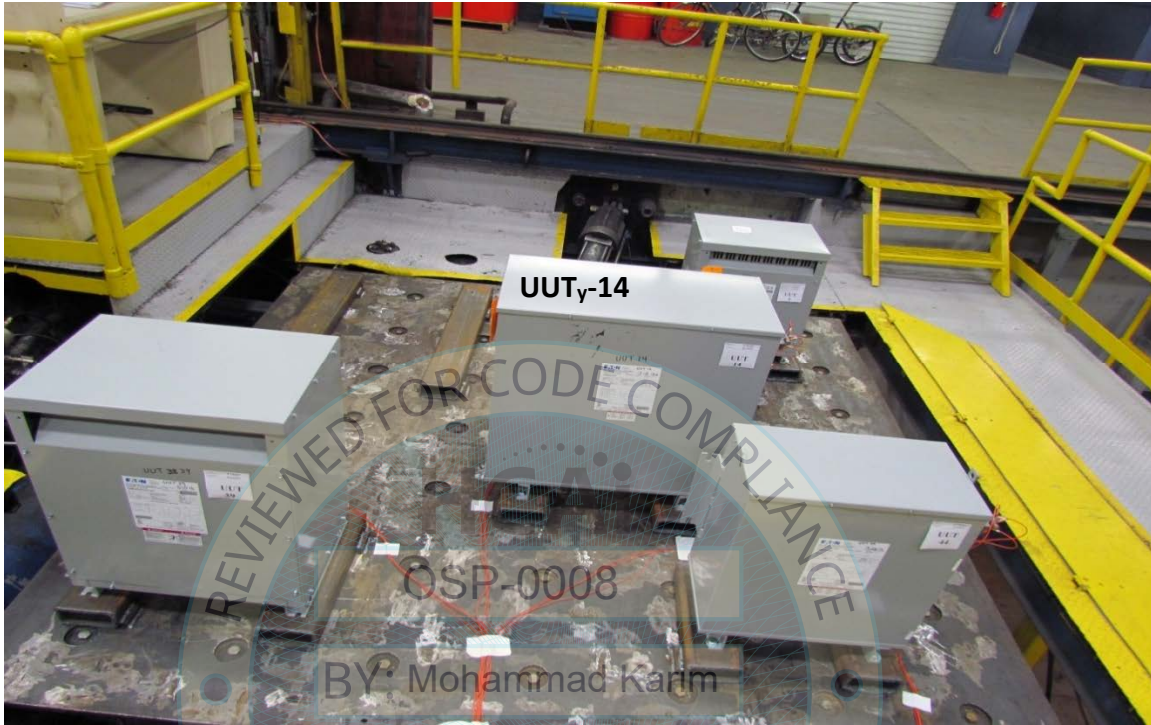
Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-14

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Encapsulated Transformers	Test Date: June 18-22, 2012
Component: EPT: Y39M63T75X	Report Number: 70282R12
UUT Function: Voltage Transformation	
UUT Description: 75kVA, EPT 3-Phase Transformer, NEMA 3R carbon steel enclosure, Aluminum Windings	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,312	30.3	15.8	32.3	18.0	20.0	23.0

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{AFLX-H} (g)	A _{ARIG-H} (g)	A _{AFLX-V} (g)	A _{ARIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_z-12

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid floor mounted with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Encapsulated Transformers	Test Date: Oct. 29 – Nov 2, 2012
Component: EPT: Y39M28T75Y75034	Report Number: 70566R12
UUT Function: Voltage Transformation	
UUT Description: 75kVA, EPT 3-Phase Transformer, NEMA 3R carbon steel enclosure, Copper Windings	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
1,515	30.5	15.9	32.4	21.0	19.0	30.0

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{Ds} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-11

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (3) 1/4" grade 5 bolts.



DATE: 04/22/2026

Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Encapsulated Transformers	Test Date: June 18-22, 2012
Component: EP: S10N04A81N	Report Number: 70282R12
UUT Function: Voltage Transformation	
UUT Description: 50 VA, Type EP Single Phase Transformer, NEMA 3R carbon steel enclosure, Copper Windings	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
8	4.3	4.3	9.3	N/A	N/A	N/A

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_z-13

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 3/8" grade 5 bolts.



Manufacturer: Eaton **Test Location:** Wyle Lab, Huntsville AL

Product Line: Encapsulated Transformers **Test Date:** Oct. 29 – Nov 2, 2012

Component: EPT: Y38D37T15CU **Report Number:** 70566R12

UUT Function: Voltage Transformation

UUT Description: 15kVA, EPT 3-Phase Transformer, NEMA 3R carbon steel enclosure, Copper Windings

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
300	20.3	10.6	17.5	N/A	N/A	N/A

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_z-15

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 3/8" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Encapsulated Transformers	Test Date: Oct. 29 – Nov 2, 2012
Component: EPT: Y45001	Report Number: 70566R12
UUT Function: Voltage Transformation	
UUT Description: 45kVA, EPT 3-Phase Transformer, NEMA 3R carbon steel enclosure, Aluminum Windings	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
698	28.3	15.0	26.8	N/A	N/A	N/A

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.30	1.0	3.5	1.30	1.5	3.68	2.48	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.

UUT_y-12

**UNIT UNDER TEST (UUT)
SUMMARY SHEET**



Mounting Details: Rigid wall mounted with (4) 1/2" grade 5 bolts.



Manufacturer: Eaton	Test Location: Wyle Lab, Huntsville AL
Product Line: Encapsulated Transformers	Test Date: June 18-22, 2012
Component: EPT: Y48M28T45CU	Report Number: 70282R12
UUT Function: Voltage Transformation	
UUT Description: 45kVA, EPT 3-Phase Transformer, NEMA 3R carbon steel enclosure, Copper Windings	

UUT PROPERTIES

Weight (lb)	Dimensions (inches)			Natural Frequency (Hz)		
	Width	Depth	Height	FB	SS	V
818	28.3	14.8	26.8	N/A	N/A	N/A

SEISMIC TEST PARAMETERS – ICC-ES AC 156-24

CODE	S _{DS} (g)	z / h	H _f	R _μ	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2025	2.50	1.0	3.5	1.30	1.5	4.00	2.69	-	-
	2.50	0	1.0	1.00	1.5	-	-	1.68	0.68

Note: The unit was full of contents during testing and remained functional before and after the ICC-ES AC156 test. The unit maintained structural integrity during and after the ICC-ES AC156 test.