



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-0650

HCAI Special Seismic Certification Preapproval (OSP)

Type: ☐ New ☒ Renewal

Manufacturer Information

Manufacturer: TK Elevator Corporation

Manufacturer's Technical Representative: Daniel Elkins

Mailing Address: 788 Circle 75 Parkway SE, Atlanta, GA 30339

Telephone: (901) 734-3549

Email: dan.elkins@tkelevator.com

Product Information

Product Name: Elevator Control

Product Model Number(s): TAC32T Slimline & TAC32T-72"

Product Category: Elevator Equipment

Product Sub-Category: Elevator Control Panels

General Description: TAC32T Elevator Control Panels.

Mounting Description: Base Mounted Rigid

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: STRUCTURAL INTEGRITY ASSOCIATES, INC.

Contact Person: Victoria Ahrens

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

Telephone: (541) 292-5820

Email: vahrens@structint.com

Title:



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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: ELEMENT (ELMT)

Contact Person: Greg Mason

Mailing Address: 7800 Highway 20 W, West, Huntsville AL 35806

Telephone: (256) 721-0144

Email: greg.mason@element.com

BY: Mohammad Karim

DATE: 10/06/2026



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Seismic Parameters

Certified Response Spectral Acceleration Factors: (F_p/W_p)

Horizontal (A Flx-H), $g =$ 3.20 (A Rig-H), $g =$ 2.15

Vertical (A Flx-V), $g =$ 1.33 (A Rig-V), $g =$ 0.53

SDS (Design spectral response acceleration at short period, g) = 2.00 ($z/h = 1$); 2.00 ($z/h = 0$)

H_f (Force amplification height factor) = 3.5 ($z/h = 1$); 1 ($z/h = 0$)

R_u (Structure ductility reduction factor) = 1.3 ($z/h = 1$); 1 ($z/h = 0$)

I_p (Importance factor) = 1.5

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

HCAI Approval (For Office Use Only) - Approval Expires on 10/06/2032

Date: 10/6/2026

Name: Mohammad Karim

Title: Supervisor, Health Facilities

Condition of Approval (if applicable): _____

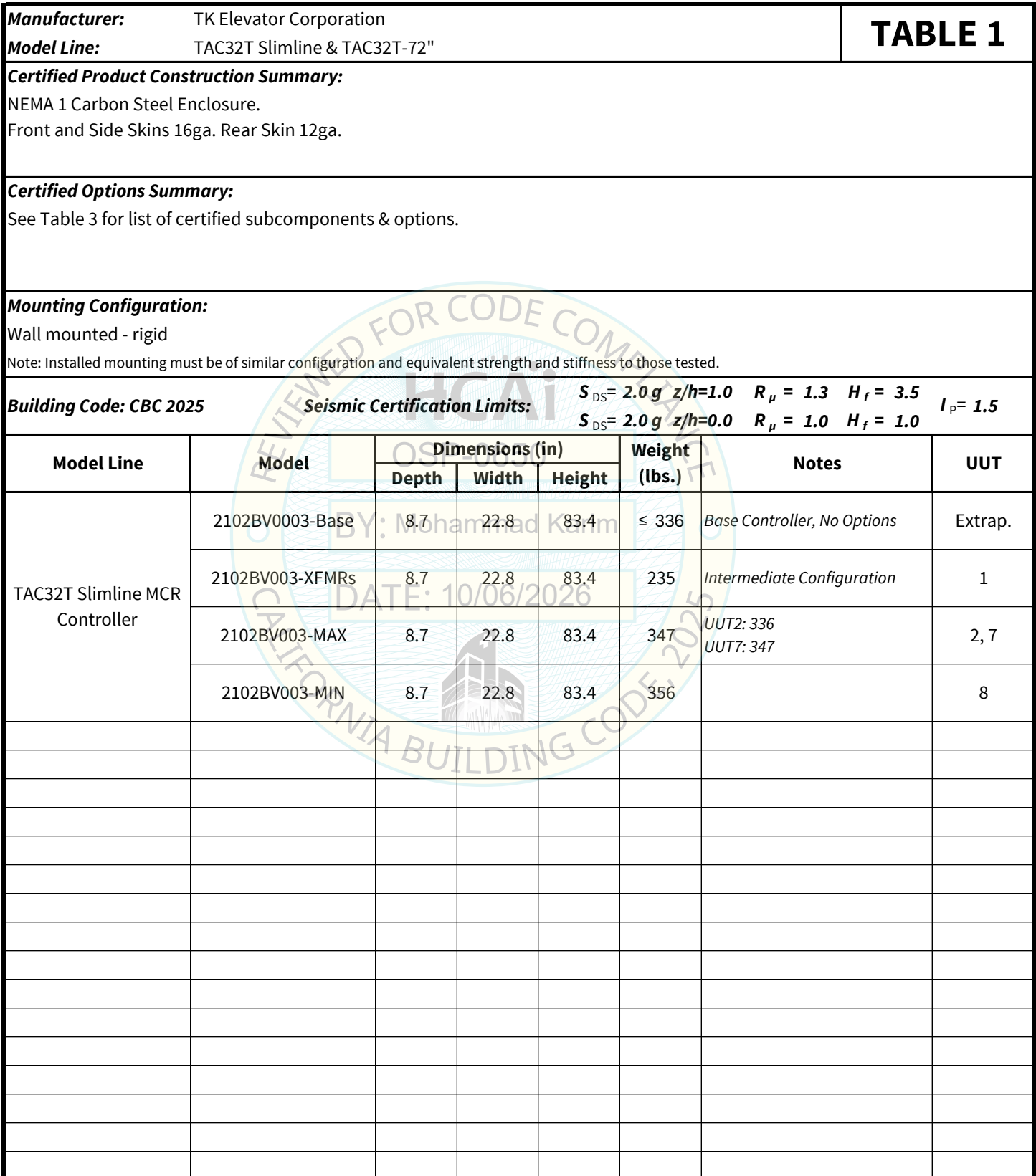
OSP-0650

BY: Mohammad Karim

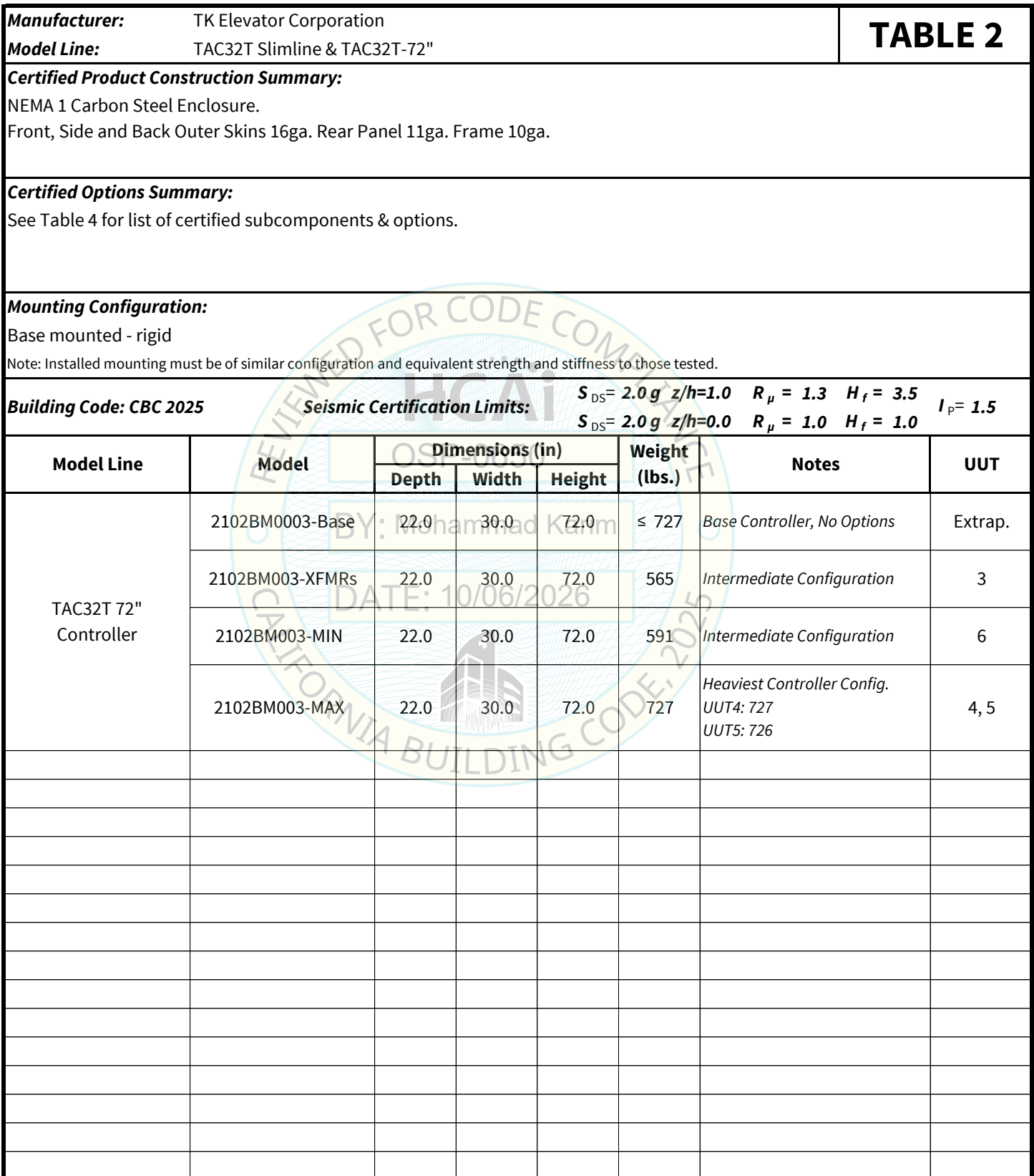
DATE: 10/06/2026



1800887-CR-001-R3



1800887-CR-001-R3



SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

1800887-CR-001-R3



Manufacturer: TK Elevator Corporation		Table Description: Electrical Components TAC32T Slimline (wall mounted - rigid)			TABLE 3		
Model Line: TAC32T Slimline							
Building Code: CBC 2025		Seismic Certification Limits:		$S_{DS} = 2.0\text{ g}$ $z/h=1.0$ $S_{DS} = 2.0\text{ g}$ $z/h=0.0$	$R_{\mu} = 1.3$ $R_{\mu} = 1.0$	$H_f = 3.5$ $H_f = 1.0$	$I_p = 1.5$
Component Type	Manufacturer	Model	Description	Notes	UUT		
Circuit Breakers	Siemens	NGG3B015L	3 pole, 600V, 15A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT001	Extrap.		
		NGG3B020L	3 pole, 600V, 20A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT002	Extrap.		
		NGG3B025L	3 pole, 600V, 25A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT003	Extrap.		
		NGG3B030L	3 pole, 600V, 30A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT004	Extrap.		
		NGG3B035L	3 pole, 600V, 35A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT005	Extrap.		
		NGG3B040L	3 pole, 600V, 40A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT006	Extrap.		
		NGG3B045L	3 pole, 600V, 45A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT007	Extrap.		
		NGG3B050L	3 pole, 600V, 50A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT008	1		
		NGG3B060L	3 pole, 600V, 60A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT009	Interp.		
		NGG3B070L	3 pole, 600V, 70A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT010	Interp.		
		NGG3B080L	3 pole, 600V, 80A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT011	Interp.		
		NGG3B090L	3 pole, 600V, 90A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT012	Interp.		
		NGG3B100L	3 pole, 600V, 100A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT013	Interp.		
		NGG3B110L	3 pole, 600V, 110A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT014	Interp.		
		NGG3B125L	3 pole, 600V, 125A, with out Shunt Trip, 2lbs.	TKE P/N: 270AT015	2		
		3VA51954ED360AA0	3 pole, 600V, 15A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB001	Extrap.		
		3VA51204ED360AA0	3 pole, 600V, 20A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB002	Extrap.		
		3VA51254ED360AA0	3 pole, 600V, 25A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB003	Extrap.		
		3VA51304ED360AA0	3 pole, 600V, 30A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB004	Extrap.		
		3VA51354ED360AA0	3 pole, 600V, 35A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB005	Extrap.		
		3VA51404ED360AA0	3 pole, 600V, 40A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB006	Extrap.		
		3VA51454ED360AA0	3 pole, 600V, 45A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB007	Extrap.		
		3VA51504ED360AA0	3 pole, 600V, 50A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB008	8		

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SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

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Manufacturer: TK Elevator Corporation		Table Description: Electrical Components TAC32T Slimline (wall mounted - rigid)			TABLE 3	
Model Line: TAC32T Slimline						
Building Code: CBC 2025		Seismic Certification Limits:	$S_{DS} = 2.0\text{ g}$ $z/h=1.0$ $S_{DS} = 2.0\text{ g}$ $z/h=0.0$	$R_{\mu} = 1.3$ $R_{\mu} = 1.0$	$H_f = 3.5$ $H_f = 1.0$	$I_p = 1.5$
Component Type	Manufacturer	Model	Description	Notes	UUT	
Circuit Breakers	Siemens	3VA51604ED360AA0	3 pole, 600V, 60A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB009	Interp.	
		3VA51704ED360AA0	3 pole, 600V, 70A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB010	Interp.	
		3VA51804ED360AA0	3 pole, 600V, 80A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB011	Interp.	
		3VA51904ED360AA0	3 pole, 600V, 90A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB012	Interp.	
		3VA51104ED360AA0	3 pole, 600V, 100A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB013	Interp.	
		3VA51114ED360AA0	3 pole, 600V, 110A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB014	7	
		3VA51124ED360AA0	3 pole, 600V, 125A, with out Shunt Trip, 2lbs.	TKE P/N: 270BB015	Extrap.	
Contactors	Siemens	3RT2526-1AK60	Relay Contactor, 2NC/2NO 115VAC	TKE P/N: 298BL002	2, 7	
		3RT2025-1AK60	Contactor, 3 pole, AC	TKE P/N: 298AH56	2, 7	
		3RT2926-1BD00	Suppressor, Relay contactor, RC 120VAC	TKE P/N: 804BF6	2, 7	
Fuses	Bussmann	FNQ-R-3	600V FNQ 3A	TKE P/N: 409BP20	1, 8	
		FNQ-R-4	600V FNQ 4A	TKE P/N: 409BP23	2, 7	
		FNQ-R-5	600V FNQ 5A	TKE P/N: 409BP24	Interp.	
		FNQ-R-6	600V FNQ 6A	TKE P/N: 409BP25	Interp.	
		FNQ-R-8	600V FNQ 8A	TKE P/N: 409BP28	Interp.	
		FNQ-R-10	600V FNQ 10A	TKE P/N: 409BP30	Interp.	
		FNQ-R-12	600V FNQ 12A	TKE P/N: 409BP31	1, 2, 7, 8	
		FNQ-R-15	600V FNQ 15A	TKE P/N: 409BP32	Interp.	
Green Drives	WEG	S9TKE2	Drive Assembly, 230V, 80A, 22kW, 75lbs	TKE P/N: 2109CD001	Extrap.	
		S9TKE1	Drive Assembly, 230V, 40A, 11kW, 75 lbs.	TKE P/N: 2109CD002	1, 8	
		S9TKE3	Drive Assembly, 460V, 40A, 22kW, 75 lbs.	TKE P/N: 2109CD004	Interp.	
		S9TKE4	Drive Assembly, 460V, 80A, 45kW, 75 lbs.	TKE P/N: 2109CD006	2, 7	

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Building Code: CBC 2025		Seismic Certification Limits:	$S_{DS} = 2.0\text{ g}$ $z/h=1.0$ $S_{DS} = 2.0\text{ g}$ $z/h=0.0$	$R_{\mu} = 1.3$ $R_{\mu} = 1.0$	$H_f = 3.5$ $H_f = 1.0$	$I_p = 1.5$
Component Type	Manufacturer	Model	Description	Notes	UUT	
Line Chokes	MTE	RL-02502	3-Phase L1, 25A, 1.2MH, 14 lbs	TKE P/N: 486AD1	Extrap.	
		RL-03502	3-Phase L1, 35A, 0.8MH, 16 lbs	TKE P/N: 486AD2	Extrap.	
		RL-01802	3-Phase L1, 18A, 1.5MH, 12 lbs	TKE P/N: 486AD7	1, 8	
		RL-01203	3-Phase 12A, 4.2MH, 18 lbs	TKE P/N: 486DB001	Interp.	
		RLX-018-013	3-Phase 18A, 2.5MH, 16 lbs	TKE P/N: 486DB003	Interp.	
		RLX-0025-014	3-Phase 25A, 1.8MH, 20 lbs	TKE P/N: 486DB004	Interp.	
		RLX-0045-021	3-Phase 45A, 1.2MH, 35 lbs	TKE P/N: 486DB007	Interp.	
		RLX-055-031	3-Phase 55A, 0.50MH, 26 lbs	TKE P/N: 486DB009	Interp.	
		RLX-055-030	3-Phase 55A, 0.85MH, 36 lbs	TKE P/N: 486DB008	2, 7	
Power Supply	Delta	DRP024V060W1AA	AC/DC, 24V, 60W, 0.82 lbs	TKE P/N: 672DE001	1	
		DRP024V120W1AA	AC/DC, 24V, 120W, 1.2 lbs	TKE P/N: 672DE002	1, 2	
		DRP024V240W1AA	AC/DC, 24V, 240W, 2.30 lbs	TKE P/N: 672DE003	2	
		DRL-24V75W1AZ	AC/DC, 24V, 60W, 0.82 lbs.	TKE P/N: 672DE001	8	
		DRL-24V120W1EN	AC/DC, 24V, 120W, 1.2 lbs.	TKE P/N: 672DE002	7, 8	
		DRL-24V240W1EN	AC/DC, 24V, 240W, 2.30 lbs	TKE P/N: 672DE003	7	
Relays	Finder	40.52.8.120.000	Power Dependent, 5A, 115VAC	TKE P/N: 690CJ1	2, 7	
	TE Connectivity	V23047-A1024-A501	Power Dependent, 6A, 24VDC	TKE P/N: 690CA3	1, 2, 7, 8	
		RT78726/6-1415035-1	Socket Rail Relay Dependent	TKE P/N: 770BK2	1, 2, 7, 8	
		XT17017/2022104-1	Lever Extraction Relay 1.875	TKE P/N: 558AX2	1, 2, 7, 8	
		PTMU0730/2-1415037-1	Suppressor Relay Socket 110-230 VAC	TKE P/N: 804BC1	2, 7, 8	
		PTMT00A0/9-1415036-1	Suppressor Relay Socket Diode DC	TKE P/N: 804BC2	1, 2	
Switches	Eaton	M22-YED0043	Emergency Stop	TKE P/N: 171JA001	1, 2, 7, 8	

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Model Line: TAC32T Slimline					
Building Code: CBC 2025		Seismic Certification Limits:			
		$S_{DS} = 2.0\text{ g}$ $z/h=1.0$ $S_{DS} = 2.0\text{ g}$ $z/h=0.0$		$R_{\mu} = 1.3$ $R_{\mu} = 1.0$ $H_f = 3.5$ $H_f = 1.0$ $I_p = 1.5$	
Component Type	Manufacturer	Model	Description	Notes	UUT
Transformers	GE	9T58K2810	.5 kVA, PRI 240/480V, SEC 208V, 14 lbs.	TKE P/N: 874EV002	1, 8
		9T58D7823	.5 kVA, PRI 200/220V, SEC 208V, 14 lbs.	TKE P/N: 874EV003	8
		9T58K0946	.5 kVA, PRI 240V, SEC 120/240V, 13 lbs.	TKE P/N: 874EV005	1
		9T58K0076	.5 kVA, PRI 480V, SEC 120/240V, 15 lbs.	TKE P/N: 874EV006	Interp.
		9T58K2811	.75 kVA, PRI 240/480V, SEC 120/240V, 19 lbs.	TKE P/N: 874EW002	Interp.
		9T58D4292	.75 kVA, PRI 200/220V, SEC 120V, 21 lbs.	TKE P/N: 874EW003	Interp.
		9T58K2812	1.0 kVA, PRI 240/480V, SEC 120/240V, 21 lbs.	TKE P/N: 874EX002	Interp.
		9T58K3145	1.0 kVA, PRI 200/220V, SEC 120V, 29 lbs.	TKE P/N: 874EX003	Interp.
		9T58K0948	1.0 kVA, PRI 240V, SEC 208V, 20 lbs.	TKE P/N: 874EX005	Interp.
		9T58D7825	1.5 kVA, PRI 208V, SEC 120/240V, 30 lbs.	TKE P/N: 874EY001	Interp.
		9T58K2813	1.5 kVA, PRI 240/480V, SEC 120/240V, 30 lbs.	TKE P/N: 874EY002	Interp.
		9T58D3148	1.5 kVA, PRI 200/220V, SEC 120V, 35 lbs.	TKE P/N: 874EY003	Interp.
		9T58K2814	2.0 kVA, PRI 240/480V, SEC 120/240V, 35 lbs.	TKE P/N: 874FA002	Interp.
		9T58K2815	3.0 kVA, PRI 240/480, SEC 120/240V, 35 lbs.	TKE P/N: 874FB002	1, 2, 7, 8
Transit Voltage Suppressors	ABB	OVR T2 3L 40-320 P U	3-Phase LV 240V Delta	TKE P/N: 804DA003	1
		OVR T2 3L 40-550 P U	3-Phase HV 480V Delta	TKE P/N: 804DA004	2
	Citel	DS43S-230 ¹	3-Phase LV 240V Delta	TKE P/N: 804DA003	Interp.
		DS43S-480	3-Phase HV 480V Delta	TKE P/N: 804DA004	7
	Siemens	ISPD2403050R ²	3-Phase LV 240V Delta	TKE P/N: 804DA003	Interp.
ISPD4803050R		3-Phase HV 480V Delta	TKE P/N: 804DA004	8	
UPS	APC	SMT1500C	1500 VA, 57 lbs (includes bracket)	TKE P/N: 672DA002	2, 7
Notes: 1. DS43S-230 is identical to DS43S-480 besides voltage ratings. 2. ISPD2403050R is identical to ISPD4803050R besides voltage ratings.					

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Manufacturer: TK Elevator Corporation		Table Description: Electrical Components TAC32T-72"			TABLE 4		
Model Line: TAC32T-72"		(base mounted - rigid)					
Building Code: CBC 2025		Seismic Certification Limits:		$S_{DS} = 2.0\text{ g}$ $z/h=1.0$	$R_{\mu} = 1.3$	$H_f = 3.5$	$I_p = 1.5$
				$S_{DS} = 2.0\text{ g}$ $z/h=0.0$	$R_{\mu} = 1.0$	$H_f = 1.0$	
Component Type	Manufacturer	Model	Description	Notes	UUT		
Circuit Breakers	Siemens	NGG3B015L	3 pole, 600V, 15A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT001	Extrap.		
		NGG3B020L	3 pole, 600V, 20A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT002	Extrap.		
		NGG3B025L	3 pole, 600V, 25A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT003	Extrap.		
		NGG3B030L	3 pole, 600V, 30A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT004	Extrap.		
		NGG3B035L	3 pole, 600V, 35A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT005	Extrap.		
		NGG3B040L	3 pole, 600V, 40A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT006	Extrap.		
		NGG3B045L	3 pole, 600V, 45A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT007	Extrap.		
		NGG3B050L	3 pole, 600V, 50A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT008	3		
		NGG3B060L	3 pole, 600V, 60A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT009	Interp.		
		NGG3B070L	3 pole, 600V, 70A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT010	Interp.		
		NGG3B080L	3 pole, 600V, 80A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT011	Interp.		
		NGG3B090L	3 pole, 600V, 90A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT012	Interp.		
		NGG3B100L	3 pole, 600V, 100A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT013	Interp.		
		NGG3B110L	3 pole, 600V, 110A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT014	Interp.		
		NGG3B125L	3 pole, 600V, 125A, with out Shunt Trip, 2 lbs.	TKE P/N: 270AT015	Interp.		
		NFK3B150LA2RNXX	3 pole, 600V, 150A, with Shunt Trip, 6.2 lbs.	TKE P/N: 270AP016	Interp.		
		NFK3B175LA2RNXX	3 pole, 600V, 175A, with Shunt Trip, 6.2 lbs.	TKE P/N: 270AP017	Interp.		
		NFK3B200LA2RNXX	3 pole, 600V, 200A, with Shunt Trip, 6.2lbs.	TKE P/N: 270AP018	4		
		3VA51954ED360AA0	3 pole, 600V, 15A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB001	Extrap.		
		3VA51204ED360AA0	3 pole, 600V, 20A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB002	Extrap.		
		3VA51254ED360AA0	3 pole, 600V, 25A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB003	Extrap.		
		3VA51304ED360AA0	3 pole, 600V, 30A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB004	Extrap.		
		3VA51354ED360AA0	3 pole, 600V, 35A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB005	Extrap.		

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Manufacturer: TK Elevator Corporation		Table Description: Electrical Components TAC32T-72"			TABLE 4	
Model Line: TAC32T-72"		(base mounted - rigid)				
Building Code: CBC 2025		Seismic Certification Limits:	$S_{DS} = 2.0\text{ g}$ $z/h=1.0$ $S_{DS} = 2.0\text{ g}$ $z/h=0.0$	$R_{\mu} = 1.3$ $R_{\mu} = 1.0$	$H_f = 3.5$ $H_f = 1.0$	$I_p = 1.5$
Component Type	Manufacturer	Model	Description	Notes	UUT	
Circuit Breakers	Siemens	3VA51404ED360AA0	3 pole, 600V, 40A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB006	Extrap.	
		3VA51454ED360AA0	3 pole, 600V, 45A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB007	Extrap.	
		3VA51504ED360AA0	3 pole, 600V, 50A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB008	6	
		3VA51604ED360AA0	3 pole, 600V, 60A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB009	Interp.	
		3VA51704ED360AA0	3 pole, 600V, 70A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB010	Interp.	
		3VA51804ED360AA0	3 pole, 600V, 80A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB011	Interp.	
		3VA51904ED360AA0	3 pole, 600V, 90A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB012	Interp.	
		3VA51104ED360AA0	3 pole, 600V, 100A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB013	Interp.	
		3VA51114ED360AA0	3 pole, 600V, 110A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB014	Interp.	
		3VA51124ED360AA0	3 pole, 600V, 125A, with out Shunt Trip, 2 lbs.	TKE P/N: 270BB015	Interp.	
		3VA52155EC360JC0	3 pole, 600V, 150A, with Shunt Trip, 6.2 lbs.	TKE P/N: 270BA016	Interp.	
		3VA52175EC360JC0	3 pole, 600V, 175A, with Shunt Trip, 6.2 lbs.	TKE P/N: 270BA017	Interp.	
		3VA52205EC360JC0	3 pole, 600V, 200A, with Shunt Trip, 6.2lbs.	TKE P/N: 270BA018	5	
Contactors	Siemens	3RT2317-1AK60	Relay Contactor, 4NO/0NC, 120VAC	TKE P/N: 298BF4	3, 6	
		3RT2526-1AK60	Relay Contactor, 2NC/2NO 115VAC	TKE P/N: 298BL002	4, 5	
		3RT2916-1CD00	Suppressor, Relay Contractor, RC 120VAC	TKE P/N: 804BF5	3, 6	
		3RT2926-1BD00	Supressor, Relay Contractor, RC 120VAC	TKE P/N: 804BF6	3, 4, 5, 6	
		3RT2025-1AK60	Contactor, 3 Pole, AC	TKE P/N: 298AH56	3, 4, 5, 6	
Fan	Mechatronics Inc.	UF15AC12-BTHR	AC 6.000 220CFM	TKE P/N: 378AH1	3, 4, 5, 6	
Green Drives	WEG	S9TKE2	Drive Assembly, 230V, 80A, 22kW, 75 lbs.	TKE P/N: 2109CD001	Extrap.	
		S9TKE1	Drive Assembly, 230V, 40A, 11kW, 75 lbs.	TKE P/N: 2109CD002	3, 6	
		S9TKE3	Drive Assembly, 460V, 40A, 22kW, 75 lbs.	TKE P/N: 2109CD004	Interp.	
		S9TKE4	Drive Assembly, 460V, 80A, 45kW, 75 lbs	TKE P/N: 2109CD006	4, 5	

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SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

1800887-CR-001-R3



Manufacturer: TK Elevator Corporation		Table Description: Electrical Components TAC32T-72"			TABLE 4		
Model Line: TAC32T-72"		(base mounted - rigid)					
Building Code: CBC 2025		Seismic Certification Limits:		$S_{DS} = 2.0\text{ g}$ $z/h=1.0$	$R_{\mu} = 1.3$	$H_f = 3.5$	$I_p = 1.5$
				$S_{DS} = 2.0\text{ g}$ $z/h=0.0$	$R_{\mu} = 1.0$	$H_f = 1.0$	
Component Type	Manufacturer	Model	Description	Notes	UUT		
Line Chokes	MTE	RL-01203	3-Phase 12A, 4.2MH, 18 lbs	TKE P/N: 486DB001	Extrap.		
		RLX-0018-013	3-Phase 18A, 2.5MH, 16 lbs	TKE P/N: 486DB003	Extrap.		
		RLX-0025-014	3-Phase 25A, 1.8MH, 20 lbs	TKE P/N: 486DB004	Extrap.		
		RLX-0045-021	3-Phase 45A, 1.2MH, 35 lbs	TKE P/N: 486DB007	Extrap.		
		RL-10002	3-Phase L1, 100A, 0.3MH, 37 lbs	TKE P/N: 486AR41	Extrap.		
		RL-02502	3-Phase L1, 25A, 1.2MH, 14 lbs.	TKE P/N: 486AD1	Extrap.		
		RL-03502	3-Phase L1, 35A, 0.8MH, 16 lbs.	TKE P/N: 486AD2	Extrap.		
		RL-05502	3-Phase L1, 55A, 0.5MH, 26 lbs.	TKE P/N: 486AD4	Extrap.		
		RL-08002	3-Phase L1, 80A, 0.4MH, 33 lbs.	TKE P/N: 486AD5	Extrap.		
		RL-01802	3-Phase L1, 18A, 1.5MH, 12 lbs.	TKE P/N: 486AD7	3, 6		
		RL-05503	3-Phase L1, 55A, 0.85MH, 35 lbs.	TKE P/N: 486AD9	Interp.		
		RL-08003	3-Phase L1, 80A, 0.7MH, 61 lbs.	TKE P/N: 486AD10	Interp.		
		RL-10003	3-Phase L1, 100A, 0.45MH, 74 lbs.	TKE P/N: 486AD11	4, 5		
		Power Supply	Delta	DRP024V060W1AA	AC/DC, 24V, 60W, 0.82 lbs.	TKE P/N: 672DE001	3
DRP024V120W1AA	AC/DC, 24V, 120W, 1.20 lbs.			TKE P/N: 672DE002	3, 4		
DRP024V240W1AA	AC/DC, 24V, 240W, 2.30 lbs.			TKE P/N: 672DE003	4		
DRL-24V75W1AZ	AC/DC, 24V, 60W, 0.82 lbs.			TKE P/N: 672DE001	6		
DRL-24V120W1EN	AC/DC, 24V, 120W, 1.20 lbs.			TKE P/N: 672DE002	5, 6		
DRL-24V240W1EN	AC/DC, 24V, 240W, 2.30 lbs.			TKE P/N: 672DE003	5		
Relays	TE Connectivity	V23047-A1024-A501	Relay PWR DPDT 6A 24VDC	TKE P/N: 690CA3	3, 4, 5, 6		
		RT78726/6-1415035-1	Socket Rail Relay DPDT	TKE P/N: 770BK2	3, 4, 5, 6		
		XT17017/2022104-1	Lever Extraction Relay 1.875	TKE P/N: 558AX2	3, 4, 5, 6		
		PTMT00A0/9-1415036-1	Supressor Relay Scoke Diode DC	TKE P/N: 804BC2	3, 4, 5, 6		

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SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

1800887-CR-001-R3



Manufacturer: TK Elevator Corporation		Table Description: Electrical Components TAC32T-72"			TABLE 4		
Model Line: TAC32T-72"		(base mounted - rigid)					
Building Code: CBC 2025		Seismic Certification Limits:		$S_{DS} = 2.0\text{ g}$ $z/h=1.0$	$R_{\mu} = 1.3$	$H_f = 3.5$	$I_p = 1.5$
				$S_{DS} = 2.0\text{ g}$ $z/h=0.0$	$R_{\mu} = 1.0$	$H_f = 1.0$	
Component Type	Manufacturer	Model	Description	Notes	UUT		
Switches	Eaton	M22-YED0043	Emergency Stop	TKE P/N: 171JA001	3, 4, 5, 6		
Transformer	GE	9T58K2810	1PH .5KVA 60Hz PR240-240/SEC115-115, 12 lbs.	TKE P/N: 874DA2	3, 6		
		9T58D7823	1PH .5KVA 50Hz PR200 & 220/SEC115-115, 12 lbs.	TKE P/N: 874DA6	Interp.		
		9T58K0946	1PH .5KVA 50/60Hz PR220-240/SEC208, 11 lbs.	TKE P/N: 874EM002	Interp.		
		9T58K0076	1PH .5KVA 50/60Hz PR480/SEC208, 13 lbs.	TKE P/N: 874EM003	Interp.		
		9T58K2811	1PH .750KVA 60Hz PR240-240/SEC115-115, 16 lbs.	TKE P/N: 874DB2	3, 6		
		9T58D4292	1PH .750KVA 50/60Hz PR200 & 220/SEC115-115, 17 lbs.	TKE P/N: 874DC1	Interp.		
		9T58K2812	1PH 1.0KVA 60Hz PR240-240/SEC115-115, 19 lbs.	TKE P/N: 874DP2	Interp.		
		9T58K3145	1PH 1.0KVA 50/60Hz PR200 & 220/SEC115-115, 27 lbs.	TKE P/N: 874DW1	Interp.		
		9T58K0948	1PH 1.0KVA 50/60Hz PR220-240/SEC208, 18 lbs.	TKE P/N: 874EN002	3, 6		
		9T58K0949	1PH 1.0KVA 50/60Hz PR480/SEC208, 18 lbs.	TKE P/N: 874EN003	4, 5		
		9T58K2813	1PH 1.5KVA 60Hz PR240-240/SEC115-115, 28 lbs.	TKE P/N: 874DR2	Interp.		
		9T58D3148	1PH 1.5KVA 50/60Hz PR200 & 220/SEC115-115, 33 lbs.	TKE P/N: 874DX1	Interp.		
		9T58K2814	1PH 2.0KVA 60Hz PR240-240/SEC115-115, 33 lbs.	TKE P/N: 874DT2	Interp.		
		9T58K2815	1PH 3.0KVA 60Hz PR240-240/SEC115-115, 33 lbs.	TKE P/N: 874DV2	3, 4, 5, 6		
		Transit Voltage Suppressor	ABB	OVR T2 3L 40-320 P U	TVS 3-Phase LV 240V Delta	TKE P/N: 804DA003	3
OVR T2 3L 40-550 P U	TVS 3-Phase HV 480V Delta			TKE P/N: 804DA004	4, 5		
Citel	DS43S-230		TVS 3-Phase LV 240V Delta	TKE P/N: 804DA003	6		
	DS43S-480 ¹		TVS 3-Phase HV 480V Delta	TKE P/N: 804DA004	Interp.		
Siemens	ISPD2403050R ²		TVS 3-Phase LV 240V Delta	TKE P/N: 804DA003	Interp.		
	ISPD4803050R	TVS 3-Phase HV 480V Delta	TKE P/N: 804DA004	Interp.			
UPS	APC	SMT1500C	1500VA, 53 lbs.	TKE P/N: 672DA002	4, 5		
Notes:							
1. DS43S-480 is identical to DS43S-230 besides voltage ratings.							
2. ISPD2403050R is identical to ISPD4803050R besides voltage ratings.							

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UNIT UNDER TEST (UUT) SUMMARY SHEET

1800887-CR-001-R3



Manufacturer: TK Elevator Corporation

Model Line: TAC32T Slimline & TAC32T-72"

UUT	Unit Description (mounting)	Report Number (UUT#)	Testing Lab	Tested	ISO 17025?	S _{DS}	z/h	R _μ	H _f	I _p
1	TAC32T-Slimline 2102BV003-XFMRs (wall mounted - rigid)	TR-PR100122-01, Rev.2 (UUT1)	Element - Huntsville ¹	27-Aug. 2019	Yes	2.0 2.0	1.0 0.0	1.3 1.0	3.5 1.0	1.5
2	TAC32T-Slimline 2102BV003-MAX (wall mounted - rigid)	TR-PR100122-01, Rev.2 (UUT2)	Element - Huntsville ¹	27-Aug. 2019	Yes	2.0 2.0	1.0 0.0	1.3 1.0	3.5 1.0	1.5
3	TAC32T-72" 2102BM003-XFMRs (base mounted - rigid)	TR-PR100122-01, Rev.2 (UUT3)	Element - Huntsville ¹	28-Aug. 2019	Yes	2.0 2.0	1.0 0.0	1.3 1.0	3.5 1.0	1.5
4	TAC32T-72" 2102BM003-MAX (base mounted - rigid)	TR-PR100122-01, Rev.2 (UUT4)	Element - Huntsville ¹	28-Aug. 2019	Yes	2.0 2.0	1.0 0.0	1.3 1.0	3.5 1.0	1.5
5	TAC32T-72" 2102BM003-MAX (base mounted - rigid)	PUS58004291-TR-26, Rev.3 (EUT1)	Element - Huntsville	13-July 2026	Yes	2.0 2.0	1.0 0.0	1.3 1.0	3.5 1.0	1.5
6	TAC32T-72" 2102BM003-MIN (base mounted - rigid)	PUS58004291-TR-26, Rev.3 (EUT2)	Element - Huntsville	13-July 2026	Yes	2.0 2.0	1.0 0.0	1.3 1.0	3.5 1.0	1.5
7	TAC32T-Slimline 2102BV003-MAX (wall mounted - rigid)	PUS58004291-TR-26, Rev.3 (EUT3)	Element - Huntsville	14-July 2026	Yes	2.0 2.0	1.0 0.0	1.3 1.0	3.5 1.0	1.5
8	TAC32T-Slimline 2102BV003-MIN (wall mounted - rigid)	PUS58004291-TR-26, Rev.3 (EUT4)	Element - Huntsville	14-July 2026	Yes	2.0 2.0	1.0 0.0	1.3 1.0	3.5 1.0	1.5

Notes:

1. Element - Huntsville was formerly National Technical System - Huntsville

UNIT UNDER TEST (UUT) SUMMARY SHEET

1800887-CR-001-R3



Manufacturer:	TK Elevator Corporation	UUT 1
Product Type:	Elevator Control	
Model Line:	TAC32T Slimline	
Model Number:	2102BV003-XFMRs	
Serial Number:	BEW566	
Test Report:		TR-PR100122-01, Rev.2 (UUT1)

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
235	8.7	22.8	83.4	N/A	N/A	N/A

UUT Highest Passed Seismic Run Information										
Building Code	Test Criteria	S _{DS} (g)	z/h	R _μ	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	2.0	1.0	1.3	3.5	1.5	3.20	2.15	1.33	0.53
		2.0	0.0	1.0	1.0					

Product Construction Summary:	Test Mounting Details:
NEMA 1 Carbon Steel Enclosure. Front and Side Skins 16ga. Rear Skin 12ga.	

Options/Subcomponent Summary:			UUT1 was wall mounted - rigid to the test fixture using six (6) 1/2" Grade 5 bolts with square channel nuts. Notched tabs were used to mount the PCBs. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.
Description	Mfr.	Part Number	
Circuit Breakers	Siemens	NGG3B050L	
Fuses	Bussman	FNQ-R-3, FNQ-R-12	
Green Drives	WEG	S9TKE1	
Line Chokes	MTE	RL-01802	
Power Supply	Delta	DRP024V060W1AA, DRP024V120W1AA	
Relays	TE Connectivity	V23047-A1024-A501, RT78726/6-1415035-1, XT17017/2022104-1, PTMT00A0/9-1415036-1	
Switches	Eaton	M22-YED0043	
Transformers	GE	9T58K2810, 9T58K0946, 9T58K2815	
Transit Voltage Suppressors	ABB	OVR T2 3L 40-320 P U	

UNIT UNDER TEST (UUT) SUMMARY SHEET

1800887-CR-001-R3



Manufacturer: TK Elevator Corporation Product Type: Elevator Control Model Line: TAC32T Slimline Model Number: 2102BV003-MAX Serial Number: BEW567							UUT 2				
Test Report: TR-PR100122-01, Rev.2 (UUT2)											
UUT Properties											
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)							
	Depth	Width	Height	Front-Back	Side-Side	Vertical					
336	8.7	22.8	83.4	N/A	N/A	N/A					
UUT Highest Passed Seismic Run Information											
Building Code	Test Criteria	S _{DS} (g)	z/h	R _μ	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	2.0	1.0	1.3	3.5	1.5	3.20	2.15	1.33	0.53	
		2.0	0.0	1.0	1.0						
Product Construction Summary:						Test Mounting Details:					
NEMA 1 Carbon Steel Enclosure. Front and Side Skins 16ga. Rear Skin 12ga.											
Options/Subcomponent Summary:											
Description	Mfr.	Part Number									
Circuit Breakers	Siemens	NGG3B125L									
Contactor	Siemens	3RT2526-1AK60, 3RT2025-1AK60, 3RT2926-1BD00									
Fuses	Bussman	FNQ-R-4, FNQ-R-12									
Green Drives	WEG	S9TKE4									
Line Chokes	MTE	RLX-055-030									
Power Supply	Delta	DRP024V120W1AA, DRP024V240W1AA									
Relays	Finder	40.52.8.120.000									
	TE Connectivity	V23047-A1024-A501, RT78726/6-1415035-1, XT17017/2022104-1, PTMU0730/2-1415037-1, PTMT00A0/9-1415036-1									
Switches	Eaton	M22-YED0043				UUT2 was wall mounted - rigid to the test fixture using six (6) 1/2" Grade 5 bolts with square channel nuts. Notched tabs were used to mount the PCBs. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.					
Transformers	GE	9T58K2815									
Transit Voltage Suppressors	ABB	OVR T2 3L 40-550 P U									
UPS	APC	SMT1500C									

UNIT UNDER TEST (UUT) SUMMARY SHEET

1800887-CR-001-R3



Manufacturer:	TK Elevator Corporation	UUT 3
Product Type:	Elevator Control	
Model Line:	TAC32T-72"	
Model Number:	2102BM003-XFMRs	
Serial Number:	BEW568	
Test Report:		TR-PR100122-01, Rev.2 (UUT3)

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
565	22.0	30.0	72.0	8.65	13.47	>33.33

UUT Highest Passed Seismic Run Information										
Building Code	Test Criteria	S _{DS} (g)	z/h	R _μ	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	2.0	1.0	1.3	3.5	1.5	3.20	2.15	1.33	0.53
		2.0	0.0	1.0	1.0					

Product Construction Summary: Test Mounting Details:

NEMA 1 Carbon Steel Enclosure.
Front, Side and Back Outer Skins 16ga. Rear Panel 11ga.
Frame 10ga.

Options/Subcomponent Summary:

Description	Mfr.	Part Number
Circuit Breakers	Siemens	NGG3B050L
Contactors	Siemens	3RT2317-1AK60, 3RT2916-1CD00, 3RT2926-1BD00, 3RT2025-1AK60
Fan	Mechatronics	UF15AC12-BTHR
Green Drives	WEG	S9TKE1
Line Chokes	MTE	RL-01802
Power Supply	Delta	DRP024V060W1AA, DRP024V120W1AA
Relays	TE Connectivity	V23047-A1024-A501, RT78726/6-1415035-1, XT17017/2022104-1, PTMT00A0/9-1415036-1
Switches	Eaton	M22-YED0043
Transformer	GE	9T58K2810, 9T58K2811, 9T58K0948, 9T58K2815
Transit Voltage Suppressor	ABB	OVR T2 3L 40-320 P U



UUT3 was base mounted - rigid to the test fixture using six (6) 3/8"-16 Grade 2 bolts, washers and lock washers. Mounting bracket (PN: 196BKD001) was used at the front and back of the unit. 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

1800887-CR-001-R3



Manufacturer:	TK Elevator Corporation	UUT 4
Product Type:	Elevator Control	
Model Line:	TAC32T-72"	
Model Number:	2102BM003-MAX	
Serial Number:	BEW569	
Test Report:		TR-PR100122-01, Rev.2 (UUT4)

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
727	22.0	30.0	72.0	6.87	11.26	>33.33

UUT Highest Passed Seismic Run Information										
Building Code	Test Criteria	S _{DS} (g)	z/h	R _μ	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	2.0	1.0	1.3	3.5	1.5	3.20	2.15	1.33	0.53
		2.0	0.0	1.0	1.0					

Product Construction Summary: Test Mounting Details:

NEMA 1 Carbon Steel Enclosure.
Front, Side and Back Outer Skins 16ga. Rear Panel 11ga.
Frame 10ga.

Options/Subcomponent Summary:

Description	Mfr.	Part Number
Circuit Breakers	Siemens	NFK3B200LA2RNXX
Contactor	Siemens	3RT2526-1AK60, 3RT2926-1BD00, 3RT2025-1AK60
Fan	Mechatronics	UF15AC12-BTHR
Green Drives	WEG	S9TKE4
Line Chokes	MTE	RL-10003
Power Supply	Delta	DRP024V120W1AA, DRP024V240W1AA
Relays	TE Connectivity	V23047-A1024-A501, RT78726/6-1415035-1, XT17017/2022104-1, PTMT00A0/9-1415036-1
Switches	Eaton	M22-YED0043
Transformer	GE	9T58K0949, 9T58K2815
Transit Voltage Suppressor	ABB	OVR T2 3L 40-550 P U
UPS	APC	SMT1500C



UUT4 was base mounted - rigid to the test fixture using six (6) 3/8"-16 Grade 2 bolts, washers and lock washers. Mounting bracket (PN: 196BKD001) was used at the front and back of the unit. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

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UNIT UNDER TEST (UUT) SUMMARY SHEET

1800887-CR-001-R3



Manufacturer:	TK Elevator Corporation	UUT 5
Product Type:	Elevator Control	
Model Line:	TAC32T-72"	
Model Number:	2102BM003-MAX	
Serial Number:	BHV570	
Test Report: PUS58004291-TR-26, Rev.3 (EUT1)		

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
726	22.0	30.0	72.0	6.57	9.30	>33.33

UUT Highest Passed Seismic Run Information										
Building Code	Test Criteria	S _{DS} (g)	z/h	R _μ	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	2.0	1.0	1.3	3.5	1.5	3.20	2.15	1.33	0.53
		2.0	0.0	1.0	1.0					

Product Construction Summary: Test Mounting Details:

NEMA 1 Carbon Steel Enclosure.
Front, Side and Back Outer Skins 16ga. Rear Panel 11ga.
Frame 10ga.

Options/Subcomponent Summary:

Description	Mfr.	Part Number
Circuit Breakers	Siemens	3VA52205EC360JC0
Contactors	Siemens	3RT2526-1AK60, 3RT2926-1BD00, 3RT2025-1AK60
Fan	Mechatronics	UF15AC12-BTHR
Green Drives	WEG	S9TKE4
Line Chokes	MTE	RL-10003
Power Supply	Delta	DRL-24V120W1EN, DRL-24V240W1EN
Relays	TE Connectivity	V23047-A1024-A501, RT78726/6-1415035-1 (x2), XT17017/2022104-1, PTMT00A0/9-1415036-1
Switches	Eaton	M22-YED0043
Transformer	GE	9T58K0949, 9T58K2815
Transit Voltage Suppressor	ABB	OVR T2 3L 40-550 P U
UPS	APC	SMT1500C



UUT5 was base mounted - rigid using eight (8) ASTM 307 Grade A bolts with flat and lock washers to floor-mounted brackets. The brackets are mounted to the base of Seismic Stand 1 using six (6) 1/2" Grade 5 bolts with flat washers.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

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UNIT UNDER TEST (UUT) SUMMARY SHEET

1800887-CR-001-R3



Manufacturer:	TK Elevator Corporation	UUT 6
Product Type:	Elevator Control	
Model Line:	TAC32T-72"	
Model Number:	2102BM003-MIN	
Serial Number:	BHV535	
Test Report: PUS58004291-TR-26, Rev.3 (EUT2)		

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
591	22.0	30.0	72.0	7.78	9.46	>33.33

UUT Highest Passed Seismic Run Information										
Building Code	Test Criteria	S _{DS} (g)	z/h	R _μ	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	2.0	1.0	1.3	3.5	1.5	3.20	2.15	1.33	0.53
		2.0	0.0	1.0	1.0					

Product Construction Summary:	Test Mounting Details:
NEMA 1 Carbon Steel Enclosure. Front, Side and Back Outer Skins 16ga. Rear Panel 11ga. Frame 10ga.	

Options/Subcomponent Summary:			
Description	Mfr.	Part Number	
Circuit Breakers	Siemens	3VA51504ED360AA0	UUT6 was base mounted - rigid using eight (8) ASTM 307 Grade A bolts with flat and lock washers to floor-mounted brackets. The brackets are mounted to the base of Seismic Stand 1 using six (6) 1/2" Grade 5 bolts with flat washers. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.
Contactors	Siemens	3RT2317-1AK60, 3RT2916-1CD00, 3RT2926-1BD00, 3RT2025-1AK60	
Fan	Mechatronics	UF15AC12-BTHR	
Green Drives	WEG	S9TKE1	
Line Chokes	MTE	RL-01802	
Power Supply	Delta	DRL-24V75W1AZ, DRL-24V120W1EN	
Relays	TE Connectivity	V23047-A1024-A501, RT78726/6-1415035-1 (x2), XT17017/2022104-1, PTMT00A0/9-1415036-1	
Switches	Eaton	M22-YED0043	
Transformer	GE	9T58K2810, 9T58K2811, 9T58K0948, 9T58K2815	
Transit Voltage Suppressor	Citel	DS43S-230	

UNIT UNDER TEST (UUT) SUMMARY SHEET

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Manufacturer:	TK Elevator Corporation	UUT 7
Product Type:	Elevator Control	
Model Line:	TAC32T Slimline	
Model Number:	2102BV003-MAX	
Serial Number:	BHV534	
Test Report: PUS58004291-TR-26, Rev.3 (EUT3)		

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
347	8.7	22.8	83.4	N/A	N/A	N/A

UUT Highest Passed Seismic Run Information										
Building Code	Test Criteria	S _{DS} (g)	z/h	R _μ	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	2.0	1.0	1.3	3.5	1.5	3.20	2.15	1.33	0.53
		2.0	0.0	1.0	1.0					

Product Construction Summary:	Test Mounting Details:
NEMA 1 Carbon Steel Enclosure. Front and Side Skins 16ga. Rear Skin 12ga.	

Options/Subcomponent Summary:			UUT7 was wall mounted - rigid to Seismic Stand 2 using six (6) 1/2" Grade 5 bolts with flat washers and hex nuts. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.
Description	Mfr.	Part Number	
Circuit Breakers	Siemens	3VA51114ED360AA0	
Contactors	Siemens	3RT2526-1AK60, 3RT2025-1AK60, 3RT2926-1BD00	
Fuses	Bussman	FNQ-R-4, FNQ-R-12	
Green Drives	WEG	S9TKE4	
Line Chokes	MTE	RLX-055-030	
Power Supply	Delta	DRL-24V120W1EN, DRL-24V240W1EN	
Relays	Finder	40.52.8.120.000	
	TE Connectivity	V23047-A1024-A501, RT78726/6-1415035-1, XT17017/2022104-1, PTMU0730/2-1415037-1 (x2)	
Switches	Eaton	M22-YED0043	
Transformers	GE	9T58K2815	
Transit Voltage Suppressors	Citel	DS43S-480	
UPS	APC	SMT1500C	

UNIT UNDER TEST (UUT) SUMMARY SHEET

1800887-CR-001-R3

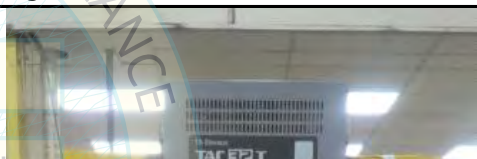


Manufacturer:	TK Elevator Corporation	UUT 8
Product Type:	Elevator Control	
Model Line:	TAC32T Slimline	
Model Number:	2102BV003-MIN	
Serial Number:	BHV533	
Test Report: PUS58004291-TR-26, Rev.3 (EUT4)		

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
356	8.7	22.8	83.4	N/A	N/A	N/A

UUT Highest Passed Seismic Run Information										
Building Code	Test Criteria	S _{DS} (g)	z/h	R _μ	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	2.0	1.0	1.3	3.5	1.5	3.20	2.15	1.33	0.53
		2.0	0.0	1.0	1.0					

Product Construction Summary: Test Mounting Details:

NEMA 1 Carbon Steel Enclosure. Front and Side Skins 16ga. Rear Skin 12ga.		
OSP-0650		

Description	Mfr.	Part Number
Circuit Breakers	Siemens	3VA51504ED360AA0
Fuses	Bussman	FNQ-R-3, FNQ-R-12
Green Drives	WEG	S9TKE1
Line Chokes	MTE	RL-01802
Power Supply	Delta	DRL-24V75W1AZ, DRL-24V120W1EN
Relays	TE Connectivity	V23047-A1024-A501, RT78726/6-1415035-1, XT17017/2022104-1, PTMU0730/2-1415037-1
Switches	Eaton	M22-YED0043
Transformers	GE	9T58K2810, 9T58D7823, 9T58K2815
Transit Voltage Suppressors	Siemens	ISPD4803050R

UUT8 was wall mounted - rigid to Seismic Stand 2 using six (6) 1/2" Grade 5 bolts with flat washers and hex nuts.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.