

APPLICATION FOR OSHPD SPECIAL SEISMIC	OFFIC	E USE ONLY
CERTIFICATION PREAPPROVAL (OSP)	APPLICATION #:	OSP – 0401 – 10
OSHPD Special Seismic Certification Preapproval (OSP)		
Type: 🗌 New 🛛 Renewal		
Manufacturer Information		
Manufacturer: KONE		
Manufacturer's Technical Representative: Jorge Torres		
Mailing Address: 450 Century Parkway, Allen, Texas 75013		
Telephone: ON FILE	E	
Product Information	MD,	
Product Name: ReSolve w/ Unity - Series B LCE Traction Ele	vator Logic & Drive	Controller
Product Type: Elevator Controls OSP-0401-10	R	
Product Model Number: <u>See Attachment 1</u> (List all unique product identification numbers and/or part numbers)	nd	
General Description: <u>Electronic motion control system for the opera</u> enhancements made to the test units and modifications required to a shall be incorporated into the production units.		
Mounting Description: Rigid Base mount.	62	
Applicant Information	-00.	
Applicant Company Name: EASE LLC		
Contact Person: Jonathan Roberson, S.E.		
Mailing Address: _ 5877 Pine Ave, Suite 210, Chino Hills, CA. 91709		-
Telephone: (909) 606-7622 Email: j.rober	son@easeco.com	
I hereby agree to reimburse the Office of Statewide Health I accordance with the California Administrative Code, 2016. Signature of Applicant:	-	opment review fees in e: 5/29/2019
		0. 0/20/2010
Title: <u>Principal Structural Engineer</u> Company Name: <b>EASE</b>		
	1	
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"	AMAMA	OSHPD
STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY OSH-FD-759 (REV 12/16/15) 02/21/2020 OSP-0401-10	1	Page 1 of 3 Page 1 of 9



California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)
Company Name: EASE LLC
Name: _Jonathan Roberson, S.E California License Number:S4197
Mailing Address: _5877 Pine Ave, Suite 210, Chino Hills, CA. 91709
Telephone:       (909) 606-7622       Email:       j.roberson@easeco.com
Supports and Attachments Preapproval
<ul> <li>Supports and attachments are preapproved under OPM- (Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required)</li> <li>Supports and attachments are not preapproved</li> </ul>
Certification Method
<ul> <li>Testing in accordance with: ICC-ES AC156</li> <li>Other (Please Specify): OSP-0401-10</li> </ul>
BY:Timothy J Piland
Testing Laboratory DATE: 01/21/2020
Company Name: Environmental Testing Laboratory, Inc.
Contact Name: Brady Richard
Mailing Address:11034 Indian Trail, Dallas, TX. 75229-3513
Telephone: (972) 247-9657 Email: brady@etIdallas.com

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



Page 2 of 3 Page 2 of 9 OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

Seismic Parameters
Design in accordance with ASCE 7-10 Chapter 13: 🖂 Yes 🗌 No
Design Basis of Equipment or Components (Fp/Wp) = <b>1.44</b>
S <sub>DS</sub> (Design spectral response acceleration at short period, g) = <b>2.00</b>
a <sub>p</sub> (In-structure equipment or component amplification factor) = <u>1</u>
$R_p$ (Equipment or component response modification factor) = $2\frac{1}{2}$
$\Omega_0$ (System overstrength factor) = _2
I <sub>P</sub> (Importance factor) = <b>1.5</b>
z/h (Height factor ratio) = <u>1</u>
Equipment or Component Natural Frequencies (Hz) = See Attachment 2
Overall dimensions and weight (or range thereof) = See Attachment 1, Table 1
Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: 🗌 Yes 🛛 No
Design Basis of Equipment or Components (V/W) =
$S_{DS}$ (Design spectral response acceleration at short period, g) =
S <sub>D1</sub> (Design spectral response acceleration at 1 second period, g) =
R (Response modification coefficient) =
Ω₀ (System overstrength factor) =
C₄ (Deflection amplification factor) =
$I_{P}$ (Importance factor) = 1.5 DATE: 01/21/2020
Height to Center of Gravity above base =
Equipment or Component Natural Frequencies (Hz) =
Overall dimensions and weight (or range thereof) =
Tank(s) designed in accordance with ASME BPVC, 2015: 🔲 Yes 🖾 No
List of Attachments Supporting Special Seismic Certification
<ul> <li>Test Report(s)</li> <li>Drawings</li> <li>Calculations</li> <li>Manufacturer's Catalog</li> <li>Other(s) (Please Specify):</li> <li>Attachments 1 &amp; 2</li> </ul>
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2025
Signature: Man III Date: February 21, 2020
Print Name:       Title:       SSE         Special Seismic Certification Valid Up to:       SDS (g) =       2.00       z/h =       1
Condition of Approval (if applicable):
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"
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STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY OSH-FD-759 (REV 12/16/15)



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#### TABLE 1: SEISMIC CERTIFIED COMPONENTS

Manufacturer	KONE Inc.								
Product Line	ReSolve w/Unity - Series B LCE Traction Elevator L	ogic & Drive Controller							
				DIN	IENSIONS	(IN.)	MAX.		
	COMPONENT	MANUF.	MODEL NO.	W	D	Н	WT. (LB.)	MOUNT	BASIS
ReSolve w/U	Inity - Series B LCE Logic Controller [3]	KONE	927210D06	24	14.375	88.25	357	Floor	UUT3 UUT4
	e Cabinet w/ 125A to 300A DC Drive w/ or w/o /AC/380VAC 138KVA Transformer <sup>[3]</sup>	Magnetek	5 C850008D02	24	19.25	83	620	Floor	UUT3 UUT4
JVC Electric	Inc 40kVa Main Line Transformer [4]	JVC Electric Inc.	KM785083	18.5	12.25	14.375	153	Floor	UUT7
JVC Electric	Inc 40kVA -110kVa Main Line Transformer [4]	JVC Electric Inc.	PD - 7	18.5 - 31.25	12.25 - 21.5	14.375 - 32.625	153-780	Floor	INT
JVC Electric	Inc 110kVa Main Line Transformer [4]	JVC Electric Inc.	KM806413	31.25	21.5	32.625	780	Floor	UUT8
Mount Notes	Floor (Rigid Base): free-standing, base-mounted tower configure         1. BASIS:         • UUT#: Indicates that a test specimen matching these         • INT (Interpolate/Extrapolate): indicates a model that work         models in the product line         2. Covered configuration includes Quattro Drive Cabinet work         3. Controller and Drive are separate enclosures connected         4. Dry type main line transformers with copper windings.	characteristics was tested as vas not specifically tested, ar ith or without optional interna	s part of this testing prog d by which seismic cert al transformer.	gram. ification is es	tablished th	rough evalu			milar





#### TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS

DESCRIPTION/RATING	MANUFACTURER	PART No.	MATERIAL	BASIS
RESOLVE W/UNITY - SERIES B LOGIC CONTROLLERS	KONE INDUSTRIAL	927210D06		
CONTROL TRANSFORMER (POS. 239), 1 PHASE, 1250VA, 208-240 Input	GRAND TRANSFORMERS INC	KM813136G02	Laminated Steel/Copper/Varnished/Open Core	UUT4
CONTROL TRANSFORMER (POS. 239), 1 PHASE, 1250VA, 420-480 Input	GRAND TRANSFORMERS INC	KM813136G03	Laminated Steel/Copper/Varnished/Open Core	UUT3
POWER MODULE, 1200VA, W/ (W/O) PS, Simplex < 12 Openings	KONE Industrial	KM782646G01	Formed Aluminum/Electrogalvanized CRS/Copper/Plastic/FR4 PCB	UUT4
POWER MODULE, 1200VA, W/ PS, All > 12 Openings	KONE Industrial	KM782646G03	Formed Aluminum/Electrogalvanized CRS/Copper/Plastic/FR4 PCB	UUT3
MODULE, FSP/TSD ES INTRFACE /	KONE Industrial	KM783040G01	Galvanized CRS/Plastic	UUT3
MODULE, OPTION 1, ONE (TWO) BRD, Seismic and/or FPO	KONE IndustriaP_02	KM806495G02	Galvanized CRS/FR4 PCB/Plastic	UUT3 UUT4
MODULE, OPTION 2, LCEEAQ AND/OR LCEGTWOG03; Seismic: < 63 flrs	KONE Industrial	KM780225G01	Galvanized CRS/FR4 PCB/Plastic	INT
MODULE, OPTION 2, LCEEAQ AND/OR LCEGTWOG03; No Seismic: >12 flrs	KONE Industria	KM780225G07	Galvanized CRS/FR4 PCB/Plastic	UUT3
MODULE, OPTION 2, LCEEAQ AND/OR LCEGTWOG03; Seismic; >12 flrs	KONE Industrial	KM780225G08	Galvanized CRS/FR4 PCB/Plastic	INT
MODULE, LCEOPT, SINGLE I/O BOARD	KONE Industrial /2	KM806495G01	Galvanized CRS/FR4 PCB/Plastic	UUT3
MODULE, LCEOPT, DUAL I/O BOARDS	KONE Industrial	KM806495G02	Galvanized CRS/FR4 PCB/Plastic	UUT3
LCE-ETSL MODULE w/ One ETSL PC Board	KONE Industrial	KM780215G01	Galvanized CRS/FR4 PCB/Plastic	UUT3
LCE-ETSL MODULE w/Two ETSL PC Board	KONE Industrial	KM780215G02	Galvanized CRS/FR4 PCB/Plastic	UUT3
MODULE, INTERCOM	KONE Industrial	KM996186G01	Galvanized CRS/Copper/Plastic	UUT3 UUT4
TRANSFORMER, CONTROL, POS. 245, 420 - 480 VAC, 1350VA		CKM977496G01	Laminated Steel/Copper/Varnished/Open Core	UUT3
CONTROL TRANSFORMER (POS. 240), 420 – 480VAC	TRAFOMIC OY	KM927689G03	Laminated Steel/Copper/Varnished/Open Core	UUT3
CONTROL TRANSFORMER (POS. 240), 200 – 240VAC	TRAFOMIC OY	KM927689G04	Laminated Steel/Copper/Varnished/Open Core	UUT4
HOIST MOTOR FAN MODULE	SCANFIL OÜ	KM783550G17	Galvanized CRS/Copper/Plastic	UUT3
ROPE GRIPPER MODULE	SCANFIL OÜ	KM780220G02	Galvanized CRS/Copper/Plastic	UUT3 UUT4
CONSTANT PARTS	KONE Industrial	KM1376452R01		UUT3 UUT4
TRACTION LOSS RESET SWITCH	KONE Industrial	KM50071398G01	Galvanized CRS/Plastic	UUT3
MODULE, LCEOPT, SINGLE I/O BOARD/Traction Loss Reset function	KONE Industrial	KM806495G01	Galvanized CRS/FR4 PCB/Plastic	UUT3



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#### TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS

DESCRIPTION/RATING	MANUFACTURER	PART No.	MATERIAL	BASIS
MAGNETEK QUATTRO DC DRIVE CONTROL CABINETS	MAGNETEK			
Dynamic Braking Resistors				
300A Drive Configuration	Magnetek	QDCKN00241-3	Electroplated CRS/Copper/Ceramic	UUT3
125A - 300A Drive Configuration	Magnetek	QDCKN00XXX-X	Electroplated CRS/Copper/Ceramic	INT
125A Drive Configuration	Magnetek	QDCKN00239-3	Electroplated CRS/Copper/Ceramic	UUT4
I/O Control Tray	NED	P		
UTM Contactor for AC control	ABB	-KM50019743	Electroplated CRS/Copper/Plastic	UUT3
UTM Contactor for AC control	ABB	KM50019742	Electroplated CRS/Copper/Plastic	UUT4
ME Contactor for DC Control	ABB SP-04	KM50019744	Electroplated CRS/Copper/Plastic	UUT3
ME Contactor for DC Control	ABB	KM940720	Electroplated CRS/Copper/Plastic	INT
ME Contactor for DC Control	BABBimothy	KM940719	Electroplated CRS/Copper/Plastic	UUT4
Low Voltage Field Control Module for Motor	Magnetek	KM50019745	Electrolated CRS/Copper/Plastic/FR4-PCB	UUT3
A8 Electrical Control Board	Magnetek 01/2	2KM50019747	Copper/FR4-PCB	UUT3 & 4
Standard Field Control Module for Motor	Magnetek	KM940702	Electrolated CRS/Copper/Plastic/FR4-PCB	UUT4
	Y.		0	
AC Filter Tray				
AC Input Inductor	СТМ	KM50019753	Laminated Steel/Copper/Varnished/Open Core	UUT3
AC Input Inductor	CTM	C KM50019752	Laminated Steel/Copper/Varnished/Open Core	INT
AC Input Inductor	CTM	KM50019751	Laminated Steel/Copper/Varnished/Open Core	INT
AC Input Inductor	CTM	KM50019750	Laminated Steel/Copper/Varnished/Open Core	UUT4
AC Input Capacitor	Ward Leonard-CT Gamble	KM50019755	Aluminum/Mylar/Copper	UUT3
AC Input Capacitor	Ward Leonard-CT Gamble	KM50019754	Aluminum/Mylar/Copper	UUT4
DC-Link Discharge Resistor	RCD	KM50019764	Electroplated CRS/Ceramic	UUT3 & 4
				+
Control Tray A1 Main Control-PCB, Line Side	Magnetek	KM940692	Copper/FR4-PCB	UUT3 & 4



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TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS

DESCRIPTION/RATING	MANUFACTURER	PART No.	MATERIAL	BASIS
A2 Main Control-PCB, Motor Side	Magnetek	KM940693	Copper/FR4-PCB	UUT3 & 4
A3, A4 Product Interface-PCB	Magnetek	KM50068708	Copper/FR4-PCB	UUT3 &
A6 User Interface-PCB	Magnetek	KM940696	Copper/FR4-PCB	UUT3 &
Operator Keypad Programming Tool	Magnetek	KM940743	Copper/Plastic/FR4-PCB	UUT3 &
	FORUE	DE COL		
ower Tray	NED	A P		
Current Transducers	LEM USA	KM50093067	Laminated Steel/Copper/Plastic	UUT3
Current Transducers	LEM USA	KM50093066	Laminated Steel/Copper/Plastic	UUT4
Complete Power Tray	MagnetekSP-04	KM50093063G05	Galvanized CRS/Copper/Plastic/FR4-PCB	UUT3
Complete Power Tray	Magnetek	KM50093063G04	Galvanized CRS/Copper/Plastic/FR4-PCB	INT
Complete Power Tray	Magneteknoth	KM50093063G03	Galvanized CRS/Copper/Plastic/FR4-PCB	INT
Complete Power Tray	Magnetek	KM50093063G02	Galvanized CRS/Copper/Plastic/FR4-PCB	INT
Complete Power Tray	Magnetek 01/2	KM50093063G01	Galvanized CRS/Copper/Plastic/FR4-PCB	UUT4
			0	
ine Transformer	Y IIII		0	
Internal Autotransformer, 480V Pri, 380V Sec 300-amp Drive	V&F Transformer	KM50009226G05	Laminated Steel/Copper/Varnished/Open Core	UUT3
Internal Autotransformer, 480V Pri, 380V Sec 250-amp Drive	V&F Transformer	KM50009226G04	Laminated Steel/Copper/Varnished/Open Core	INT
Internal Autotransformer, 480V Pri, 380V Sec 200-amp Drive	V&F Transformer	KM50009226G03	Laminated Steel/Copper/Varnished/Open Core	INT
Internal Autotransformer, 480V Pri, 380V Sec 150-amp Drive	V&F Transformer	KM50009226G02	Laminated Steel/Copper/Varnished/Open Core	INT
Internal Autotransformer, 400 FT, 500 Sec 150-amp Drive		KM50009226G01	Laminated Steel/Copper/Varnished/Open Core	UUT4

2. Certification in this table is limited to the devices identified when installed as part of a complete assembly of the equipment defined in Table 1.

3. CRS = Cold-Rolled Sheet-Steel.

4. FR4 PCB = Copper-clad, epoxy-fiberglass substrate, printed circuit board (PCB) material.



#### EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

#### ATTACHMENT 2: TEST SPECIMEN SUMMARY

# KONE INC.

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UUT- 3	ReSolve w/ Uni	ity –Series	B (300	A Dr	ive)				
MANUFACTURER:	KONE Industrial & N	/lagnetek							.6.
IDENTIFICATION:	LCE Logic Controlle	r Mag	netek D	rive					
	Part No.: 927210D0	6 850	008D02						1
DESCRIPTION:	ReSolve with Unity I KONE LCE Traction 300A Magnetek Qua The separate contro points along their he	Elevator Logio attro Drive Con Iller and drive e	c Contro itroller enclosur		joined at two				DRIVE
MOUNTING:	Floor mounted to all Controller: (4) 7/16" I.D. x 1" ( Drive: (4) – 5/8 washers	– 3/8" dia GR 8 D.D. washers	3 Allen h						NTROLLER
PROPERTIES:				- 0	0.0				
	DIMENSIONS (in.)		20	RU	UDECA	LOW	EST RESON	ANT FREQUEN	ICY (Hz.)
Width	Depth	Height		W	/eight (lb.)	Front-Axis	S	de-Axis	Vertical-Axis
Controller: 24	14.375	88.25		CI	357	6.3		6.7	35.4
Drive: 24	19.25	83	U	Di	620	10.5		7.5	35.2
SHAKE TABLE TES	T PARAMETERS	4	00		404 40				
CODE	TEST CRITERIA	S <sub>DS</sub>	05	h-U	401-10	A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156	2.0 Inctionality after	1. r the IC		1.5 C 156 test	3.2 nd	2.4	1.34	0.54
CBC 2016 Unit maintained st	ructural integrity and fu ReSolve w/ Uni	ity -Series	r the IC	C-ES A	C 156 test a	ATT TY WORK I TWO KAR		1.34	0.54
CBC 2016 Unit maintained st UUT- 4 MANUFACTURER:	tructural integrity and further for the second seco	ity –Series Agnetek	r the IO	C-ES A	C 156 test a	ATT TY WORK I TWO KAR		1.34	0.54
CBC 2016 Unit maintained st	ReSolve w/ Uni KONE Industrial & N LCE Logic Controlle	i <b>ty –Series</b> Aggnetek	B (125	C-ES A	C 156 test a	ATT TY WORK I TWO KAR		1.34	0.54
CBC 2016 Unit maintained st UUT- 4 MANUFACTURER:	tructural integrity and further for the second seco	ity –Series Aggnetek r Mag 6 8500 Drive – Series a Elevator Logia attro Drive	B (125 B (125 gnetek D 008D02 B c Contro enclosur	C-ES A	C 156 test	ATT TY WORK I TWO KAR		1.34	E
CBC 2016 Unit maintained st UUT- 4 MANUFACTURER: IDENTIFICATION:	ReSolve w/ Uni KONE Industrial & N LCE Logic Controlle Part No.: 927210D0 ReSolve with Unity KONE LCE Traction 125A Magnetek Qua The separate control	ity –Series Aggnetek r Mag 6 8500 Drive – Series a Elevator Logie attro Drive eight by rigid co uminum plate u – 3/8" dia GR & D.D. washers	B (125 B (125 Dignetek D D08D02 B C Contro Denclosur Drduit. Jsing B Allen h	c-ES A	C 156 test	ATT TY WORK I TWO KAR			E
CBC 2016 Unit maintained st UUT- 4 MANUFACTURER: IDENTIFICATION: DESCRIPTION:	ReSolve w/ Uni KONE Industrial & N LCE Logic Controlle Part No.: 927210D0 ReSolve with Unity I KONE LCE Traction 125A Magnetek Qua The separate contro points along their he Floor mounted to all Controller: (4) - 7/16" I.D. x 1" ( Drive: (4) – 5/8	ity –Series Aggnetek r Mag 6 8500 Drive – Series a Elevator Logie attro Drive eight by rigid co uminum plate u – 3/8" dia GR & D.D. washers	B (125 B (125 Dignetek D D08D02 B C Contro Denclosur Drduit. Jsing B Allen h	c-ES A	C 156 test	ATT TY WORK I TWO KAR			E
CBC 2016 Unit maintained s UUT- 4 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING:	ReSolve w/ Uni KONE Industrial & N LCE Logic Controlle Part No.: 927210D0 ReSolve with Unity I KONE LCE Traction 125A Magnetek Qua The separate contro points along their he Floor mounted to all Controller: (4) - 7/16" I.D. x 1" ( Drive: (4) – 5/8	ity –Series Aggnetek r Mag 6 8500 Drive – Series a Elevator Logie attro Drive eight by rigid co uminum plate u – 3/8" dia GR & D.D. washers	B (125 B (125 Dignetek D D08D02 B C Contro Denclosur Drduit. Jsing B Allen h	c-ES A	C 156 test	3.2	2.4		E
CBC 2016 Unit maintained s UUT- 4 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING:	ReSolve w/ Uni KONE Industrial & N LCE Logic Controlle Part No.: 927210D0 ReSolve with Unity I KONE LCE Traction 125A Magnetek Qua The separate contro points along their he Floor mounted to alu • Controller: (4) - 7/16" I.D. x 1" ( • Drive: (4) – 5/8 washers	ity –Series Aggnetek r Mag 6 8500 Drive – Series a Elevator Logie attro Drive eight by rigid co uminum plate u – 3/8" dia GR & D.D. washers	B (125 gnetek D 008D02 B c Contro enclosur onduit. Jsing 3 Allen h ts w/ 7/1	c-ES A	C 156 test	3.2	2.4		E LLER ICY (Hz.)
CBC 2016 Unit maintained s UUT- 4 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES:	ReSolve w/ Uni KONE Industrial & N LCE Logic Controlle Part No.: 927210D0 ReSolve with Unity I KONE LCE Traction 125A Magnetek Qua The separate contro points along their he Floor mounted to alu • Controller: (4) - 7/16" I.D. x 1" ( • Drive: (4) – 5/8 washers	ity –Series Aggnetek r Mag 6 8500 Drive – Series 1 Elevator Logie attro Drive eight by rigid cc uminum plate u – 3/8" dia GR 8 D.D. washers " dia GR 8 bolt	B (125 B (125 B (125 008D02 B C Contro onduit. Jsing 3 Allen h ts w/ 7/1	c-ES A	C 156 test	3.2 Constant of the second sec	2.4	CONTRO CONTRO	E
CBC 2016 Unit maintained s UUT- 4 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES: Width	ReSolve w/ Uni KONE Industrial & M LCE Logic Controlle Part No.: 927210D0 ReSolve with Unity I KONE LCE Traction 125A Magnetek Qu The separate contro points along their he Floor mounted to all Controller: (4) – 7/16" I.D. x 1" ( Drive: (4) – 5/8 washers	Agnetek Agnetek Agnetek Agnetek Agnetek Agnetek Agnetek Belevator Logia attro Drive Coller and drive e bight by rigid co Juminum plate u – 3/8" dia GR 8 D. J. washers " dia GR 8 bolt Height	B (125 B (125 B (125 008D02 B C Contro onduit. Jsing 3 Allen h ts w/ 7/1	c-ES A	C 156 test	3.2 Control of the second seco	2.4	ANT FREQUEN ont-Axis	E LLER ICY (Hz.) Vertical-Axis
CBC 2016 Unit maintained si UUT- 4 MANUFACTURER: IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES: Width Controller: 24	ReSolve w/ Uni KONE Industrial & N LCE Logic Controlle Part No.: 927210D0 ReSolve with Unity I KONE LCE Traction 125A Magnetek Qua The separate contro points along their he Floor mounted to all Controller: (4) - 7/16" I.D. x 1" Drive: (4) – 5/8 washers DIMENSIONS (in.) Depth 14.375 19.25	ity –Series Aggnetek r Mag 6 8500 Drive – Series 6 Elevator Logie attro Drive ight by rigid cc uminum plate u – 3/8" dia GR 8 D.D. washers " dia GR 8 bolt Height 88.25	B (125 B (125 B (125 008D02 B C Contro onduit. Jsing 3 Allen h ts w/ 7/1	c-ES A	C 156 test	3.2 Constant of the second sec	2.4	ANT FREQUEN ont-Axis 8.3	E LLER ICY (Hz.) Vertical-Axis 49.6

ICC-ES AC156

2.0

Unit maintained structural integrity and functionality after the ICC-ES AC 156 test

CBC 2016

1.5

3.2

2.4

1.0

1.34

0.54



#### EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING

## ATTACHMENT 2: TEST SPECIMEN SUMMARY

KONE INC.

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UUT- 7	40kVa Autotran	sformer						
MANUFACTURER:	JVC Electric Inc						-RAL	and the second second
IDENTIFICATION:	Part No.: KM785083	8						
DESCRIPTION:	Component of the R 40 kVA dry type mai Copper windings							22
MOUNTING:	Floor mounted using w/ washers to alumin		R 8 Allen	head cap bolts				
PROPERTIES:			OR	CODECC				
	DIMENSIONS (in.)	ED			LOWES	ST RESONAN	T FREQUEN	CY (Hz.)
Width	Depth	Height	$\overline{\Lambda}$	Weight (lb.)	Front-Axis	Side	-Axis	Vertical-Axis
18.5	12.25	14.375		153	36.6	36	6.4	43.0
SHAKE TABLE T	EST PARAMETERS	4		0404 40	1C			
CODE	TEST CRITERIA	S <sub>DS</sub>	z/h		A <sub>FLX-H</sub>	A <sub>RIG-H</sub>	A <sub>FLX-V</sub>	A <sub>RIG-V</sub>
CBC 2016	ICC-ES AC156	2.0	1.0	1.5	3.2	2.4	1.34	0.54
		n Transform	er () 1	121/2020				
MANUFACTURER:	JVC Electric Inc Part No.: KM806413	C PAI	er 01	21/2020			İC	
	JVC Electric Inc	CE Elevator Con	trol Syste	21/2020				
IDENTIFICATION:	JVC Electric Inc Part No.: KM806413 Component of the Lu 110 kVA dry type ma	CE Elevator Con ain line transform g (4) - 1/2" dia GF	trol Syste	VILDING				
IDENTIFICATION: DESCRIPTION:	JVC Electric Inc Part No.: KM806413 Component of the Lt 110 kVA dry type ma Copper windings Floor mounted using	CE Elevator Con ain line transform g (4) - 1/2" dia GF	trol Syste	VILDING				
IDENTIFICATION: DESCRIPTION: MOUNTING:	JVC Electric Inc Part No.: KM806413 Component of the Lt 110 kVA dry type ma Copper windings Floor mounted using	CE Elevator Con ain line transform g (4) - 1/2" dia GF	trol Syste	VILDING	LOWES	ST RESONAN	TFREQUEN	CY (Hz.)
IDENTIFICATION: DESCRIPTION: MOUNTING:	JVC Electric Inc Part No.: KM806413 Component of the Lt 110 kVA dry type ma Copper windings Floor mounted using standard washer to a	CE Elevator Con ain line transform g (4) - 1/2" dia GF	trol Syste	VILDING	LOWES Side -Axis	ST RESONAN Front		CY (Hz.) Vertical-Axis
IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES:	JVC Electric Inc Part No.: KM806413 Component of the Lt 110 kVA dry type ma Copper windings Floor mounted using standard washer to a DIMENSIONS (in.)	CE Elevator Con ain line transform g (4) - 1/2" dia GF aluminum plate.	trol Syste	ead bolts w/		Front		( )
IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES: Width 31.25	JVC Electric Inc Part No.: KM806413 Component of the LI 110 kVA dry type ma Copper windings Floor mounted using standard washer to a DIMENSIONS (in.) Depth	CE Elevator Con ain line transform g (4) - 1/2" dia GF aluminum plate. Height	trol Syste	weight (lb.)	Side -Axis	Front	-Axis	Vertical-Axis
IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES: Width 31.25	JVC Electric Inc Part No.: KM806413 Component of the Lt 110 kVA dry type ma Copper windings Floor mounted using standard washer to a DIMENSIONS (in.) Depth 21.5	CE Elevator Con ain line transform g (4) - 1/2" dia GF aluminum plate. Height	trol Syste	weight (lb.)	Side -Axis	Front	-Axis	Vertical-Axis
IDENTIFICATION: DESCRIPTION: MOUNTING: PROPERTIES: Width 31.25 SHAKE TABLE TI	JVC Electric Inc Part No.: KM806413 Component of the Lu 110 kVA dry type ma Copper windings Floor mounted using standard washer to a DIMENSIONS (in.) Depth 21.5 EST PARAMETERS	CE Elevator Con ain line transform g (4) - 1/2" dia GF aluminum plate. Height 32.625	trol Syste ner Bl R 8 hex h	Weight (lb.) 780	Side -Axis 12.9	Front 9.	-Axis .9	Vertical-Axis 26.5