CERTIFICATION PREAPPROVAL (OSP)  APPLICATION FOR OSHPD SPECIAL SEISMIC  APPLICATION #: OSP - 0092
OSHPD Special Seismic Certification Preapproval (OSP)
Type: ☐ New ☒ Renewal
Manufacturer Information
Manufacturer: OTIS ELEVATOR COMPANY
Manufacturer's Technical Representative: John Klein
Mailing Address: 1500 Otis Way, Florence, SC
Telephone: On File Email: On File
Product Information
Product Name: SEE ATTACHMENT 1
Product Type: Elevator Equipment OSP-0092
Product Model Number: See Attachment 1 (List all unique product identification numbers and/or part numbers) Othy J Piland
General Description: Provides the operational control, motion control and motor drive to control the operation of a
traction elevator within a building.  DATE: 08/18/2020
Mounting Description: Rigid Base Mounted
Applicant Information  Applicant Company Name: EASE Co.
Applicant Company Name: EASE Co.
Contact Person:Jonathan Roberson, S.E.
Mailing Address: _5877 Pine Ave, Suite 210, Chino Hills, CA. 91709
Telephone: (909) 606-7622 Email: j.roberson@easeco.com
I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016.
Signature of Applicant: Date: _6/05/2019
Title: Principal Structural Engineer Company Name: <b>EASE Co.</b>

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





California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)
Company Name: EASE Co.
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:</li> <li>✓ ICC-ES AC156</li> <li>✓ Other (Please Specify):</li> </ul>
BY:Timothy J Piland
Testing Laboratory DATE: 08/18/2020
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@etldallas.com



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# 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 (F <sub>p</sub> /W <sub>p</sub> ) = See Attachment 1
S <sub>DS</sub> (Design spectral response acceleration at short period, g) = See Attachment 1
a <sub>p</sub> (In-structure equipment or component amplification factor) = 1.0 (Transformer) / 2.5 (Drive & Controller)
R <sub>p</sub> (Equipment or component response modification factor) = 2.5 (Transformer) / 6.0 (Drive & Controller)
$Ω_0$ (System overstrength factor) = See Attachment 1
I <sub>p</sub> (Importance factor) = 1.5
z/h (Height factor ratio) = 1.0
Equipment or Component Natural Frequencies (Hz) = See Attachment 2
Overall dimensions and weight (or range thereof) = See Attachment 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 <sub>DS</sub> (Design spectral response acceleration at short period, g) =
S <sub>D1</sub> (Design spectral response acceleration at 1 second period, g) =
R (Response modificatio <mark>n coe</mark> fficient ) =
Ω <sub>0</sub> (System overstrength factor) = By:Timothy J Piland
C <sub>d</sub> (Deflection amplification factor) =
$I_p$ (Importance factor) = 1.5 DATE: $08/18/2020$
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
Other(s) (Please Specify): Attachments 1 & 2
OSHPD Approval (For Office Use Only) – Approval Expires on December 31, 2025
1./ 1 00
Signature: Date: August 18, 2020
Print Name: Timothy J/ Piland Title: SSE
Special Seismic Certification Valid Up to: S <sub>DS</sub> (g) = See Above 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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### **ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS**

ATTACHMENT PAGE | 1 OF 3

TABLE 1:
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Manufacturer Otis Elevator Com	pany												
Product Type Elevator Compone	ents												
	MODEL	APPR	OX. DIMENSIO	NS (IN.)	MAX. WT.	MAX. WT.							
COMPONENT	NUMBER	W	D	Н	(LB.)	MOUNT	BASIS [1]	F <sub>P</sub> /W <sub>P</sub>	S <sub>DS</sub>	z/h	a <sub>P</sub>	$R_P$	$\Omega_0$
GLOBAL CONTROL SYSTEM (GCS)	5]				•	,							
Global Control System (GCS) w/ Elevator Controller, Brake, 60A Drive & Transformer Box	Axx21310AD [4] Axx21310AF [6]	45.6	13.6	69.6	C685E	Rigid Base	UUT-A1	1.50 1.07	2.00 2.40	1 0	2.5	6.0	2.0
Global Control System (GCS) w/ Elevator Controller, Brake [2] & Transformer Box	Axx21310AD [4] Axx21310AF [6]	45.6	13.6	69.6	586	Rigid Base	INT	1.16	1.54	1	2.5	6.0	2.0
Global Control System (GCS) w/ Elevator Controller & Brake [2]	Axx21310AD [4] Axx21310AF [6]	41	12	52	276	Rigid Base	INT	1.16	1.54	1	2.5	6.0	2.0
Global Control System (GCS) w/ Elevator Controller, Brake & 60A Drive	Axx21310AD [4] Axx21310AF [6]	41	12	52	P-3759	Rigid Base	UUT-1	1.16	1.54	1	2.5	6.0	2.0
Global Control System (GCS) Drive Cabinet – 120A Drive w/ Stand	Axx21305DD Gxx21310EC + Axx471LJ	21.1	9.4	53.6 Y	254 P	Rigid Base	UUT-A2	1.61 1.07	2.15 2.38	1 0	2.5	6.0	2.0
TRACTION ELEVATOR CONTROLLE	RS			///////////////////////////////////////									
Elevonic R-Series Controller Assembly	Axx21305CA	27.5	16.5	71.25 ATE: 08	/18/20	Rigid Base	UUT-A7	1.50	2.00	1	2.5	6.0	2.0
Elevonic R-Series DSD-412 Drive: 300Amp	Axx21305CG	31.25	16.8	52	258	Rigid Base	UUT-A3	1.61 1.07	2.15 2.38	1 0	2.5	6.0	2.0
POWER DISTRIBUTION [3]							00/						
3-Phase Autotransformer: 66.5kVA	Axx21799L	26.9	22.4	40	470	Rigid Base	UUT-A4	1.51 1.08	2.09 2.39	1 0	1.0	2.5	2.0
Isolation Transformer: 80kVA	Axx21799B	36	30.3	V <sub>43.2</sub> <sub>B</sub>	701	Rigid Base	UUT-A6	1.50 1.07	2.08 2.38	1 0	1.0	2.5	2.0
Ripple Filter: 190A	Axx21799E	36.12	24.31	34	570	Rigid Base	UUT-A5	1.51 1.08	2.09 2.39	1 0	1.0	2.5	2.0
Mount Floor (Rigid Base) Mou Countertop Anchored: u						t rigidly attach	ed to a suppo	rting structu	re and no la	iteral suppo	ort above th	e base.	
Enclosures Galvanized steel compl													
<ul> <li>INT (Interpolar product line</li> <li>Controller w/o into</li> <li>Transformers incl</li> <li>"AD" indicates</li> </ul>	es that a unit matchite/Extrapolate): indicegral drive. This molude copper winding equipment for use in Certification is limited	cates a mod del intende s and open a new cor	del not specificand for use with 1 core coil.	ally tested, by 20A drive loc ct. "AF" ind	cated in a star	idalone, struct	urally separat	e cabinet.		-			
	etermined by subcon				13 11000 11100	ang exception	C C. OBC 3170	. 10.0.1.					

ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 2 OF 3

#### TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS

SUBCOMPONENT	MANUFACTURER	PART No.	DESCRIPTION	BASIS
TRANSFORMER BOX ASSEMBLY	OTIO	A 04040AD	COO Controller	
Up-Stand Box (Axx21305BR)	OTIS	A21310AD	GCS Controller	
Transformer				
Building Power Transformer	Grand Transformer Inc.	Otis PN: ABA225LY3	Transformer: Primary 208-240VAC, Secondary 480VAC, Power:26.2kVA transformer	UUT-A1
Fuse Holder & Fuses		L'O TIME	Mp.	
Fuse	Mersin	Otis PN: AAA375BZ68	70 Amp; 600V; Time Delay Fuse	UUT-A1
DRIVE Assembly		7 O31	FU 1/2	
60 Amp Drive	Otis	Otis PN: GEA21310A2	Volt: 480Vac; Output Current: 32 A rms	UUT-1 & A1
60A R3 REGEN DRIVE	Otis	Otis PN: KBA21310ABR5	Volt: 480Vac; Output Current: 32 Arms	INT
60A R3 REGEN DRIVE	Otis	Otis PN: KBA21310ABR6	Volt: 208Vac; Output Current: 32 Arms	INT
AAA21305DD		BY:TITIOTHY	O Filand	
120 Amp Drive	Otis	Otis PN: GCA21310EC2	Volt: 480Vac; Output Current: 60 A rms	UUT-A2
	\	DATE: 08/18	2020	
BRAKE BOX ASSEMBLY		Axx21305BL	200	
Transformers		Op		
Power Distribution Transformer	Grand Transformer	Otis PN: AAA225MV5	Primary: 440-480VAC; 50/60Hz; 3Ø; Rating: 1.65kVA; Control system power	UUT -1
Power Distribution Transformer	Grand Transformer	Otis PN: AAA225MV1	Primary: 440-480VAC; 50/60Hz; 3Ø; Rating: 1.0kVA; Control system power	INT
Power Distribution Transformer	Grand Transformer	Otis PN: AAA225MV2	Primary: 208-240VAC; 50/60Hz; 3Ø; Rating: 1.0kVA; Control system power	INT
Power Distribution Transformer	Grand Transformer	Otis PN: AAA225MV6	Primary: 208-240VAC; 50/60Hz; 3Ø; Rating: 1.65kVA; Control system power	UUT-A1
FMV filter				
FMV	Otis	Otis PN: AAA21305BM1	Motor Filter Protection Assembly	UUT-1 & A1
Fuse				
Fuse	Little Fuse/Bussmann	Otis PN: AAA375BK43	Class CC; 600V; 20A; Time Delay Fuse	UUT-1 & A1

Table continues next page



#### ATTACHMENT 1: SEISMIC CERTIFIED COMPONENTS

ATTACHMENT PAGE | 3 OF 3

#### TABLE 2: SEISMIC CERTIFIED SUBCOMPONENTS

SUBCOMPONENT	MANUFACTURER	PART No.	DESCRIPTION	BASIS
CONTROLLER ASSEMBLY		AEA21305BN		
Power Supplies				
Power Supply	Siemens	Otis PN: AAA621AT14	Adjustable 24VDC Switching Power Supply; 240W; 85V to 264V Input; Enclosed Frame; Rail Mount	UUT-1 & A1
Power Supply	Cosel	Otis PN: AAA621AN22	12VDC Switching Power Supply; 15.6W; 85V to 264V Input; Enclosed Frame	UUT-1 & A1
Battery	Enersys	Otis PN: AAA718E14	12V; 7AH; Sealed Lead Acid Battery	UUT-1 & A1
Battery	Enersys	Otis PN: AAA718E3	12V; 4AH; Sealed Lead Acid Battery	UUT-1 & A1
Fuses		OSP-0	1092 m	
Fuse	Little Fuse/Bussmann	Otis PN: AAA375CJ5	15A; 250V; Ceramic; Time Delay Fuse	UUT-1 & A1
Notes  1. BASIS:  • UUT#: Indicates  • INT (Interpolate/  in the product lin	that a test specimen matchir Extrapolate): indicates a mode.	ng these characteristics was tested del that was not specifically tested,	.l Piland	





### ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 1 OF 4

UUT-1	GCS Elevator	Controller					
MANUFACTURER:	OTIS ELEVATOR C	COMPANY					
IDENTIFICATION:	,	el No. for New Constru Il No. for Modernization	,				
DESCRIPTION:	GCS (Global Contro AEA21305BN Contr GEA21310A2 60A I Axx21305BL Brake	Orive Assembly,				700	
	For additional inform	nation, see Attachmer	nt 1, Table 2.		THE RES		
MOUNTING:		orackets (1/4" thick ste – 3/8" dia. ASTM A57				11	
	One bracket w/ (1) - Screws w/ washers	- 3/8" dia. ASTM A574 to aluminum plate	4 Socket Head Cap				
		to aluminum plate	4 Socket Head Cap	LOWEST	RESONANT FREQUE	ENCY (Hz.)	
Width	Screws w/ washers	to aluminum plate	4 Socket Head Cap  R CODF  Weight (lb.)	LOWEST Side-Axis	RESONANT FREQUE Front-Axis	ENCY (Hz.)  Vert-Axis	
Width 41	Screws w/ washers  DIMENSIONS (in	to aluminum plate	RCODEC	170,	T.	, ,	
41	Screws w/ washers  DIMENSIONS (in  Depth	.)  Height 52	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis	
41	DIMENSIONS (in Depth	.)  Height 52	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis	

UUT-A1	GCS Elevator	GCS Elevator Controller w/ Transformer Box (Upstand Box)										
MANUFACTURER:	OTIS ELEVATOR CO	MPANY DATE:	<del>UO/TO/ZUZ</del> t		O D Have							
IDENTIFICATION:	Axx21310AD (Model Axx21310AF (Model	No. for New Construction		10/2	SPAL SPAL							
DESCRIPTION:		iller Assembly, rive Assembly, ontrol section, & ormer Box w/ 26.2kVA			1							
	Transformer is a dry type transformer manufactured by Grand Transformer Inc. Copper windings. Open core coil. Primary 208-240VAC, Secondary 480VAC For additional information, see Attachment 1, Table 2.											
MOUNTING:		ackets (1/4" thick stee A574 Socket Head Ca		A.								
	DIMENSIONS (in.)			LOWEST	RESONANT FREQUE	ENCY (Hz.)						
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis						
45.6	13.6	69.6	685	15.0	10.4	30.1						
ICC-ES AC156 SHA	AKE TABLE TEST PAR	AMETERS				CODE: 2016 CBC						
S <sub>DS</sub> (G)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)						
2.00 2.40	1 0	1.5	3.2	2.4	1.61	0.65						
Unit satisfied AC156	requirements for struc	tural integrity and mar	nufacturer requiremer	nts for functionality aft	er AC156 test.							



#### ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 2 OF 4

		ith Stand			
OTIS ELEVATOR (	COMPANY				
Axx21305DD					1
Otis Axx21305DD of Gxx21310EC Otis (Germar ABA471LJ di manufacture	drive assembly including C Gearless 120A CR dri ny) rive stand with integral d by Otis (North Americ	ove manufactured by mounting flanges, ca)			
DIMENSIONS (ir	1.)	RCODEC	LOWEST	RESONANT FREQUE	ENCY (Hz.)
Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
9.4	53.6	254	8.3	25.2	>50
KE TABLE TEST PA	ARAMETERS	JUTIT D	12		CODE: 2016 CBC
z/h	l <sub>P</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
1 0	1.5	3.44	2.58	1.59	0.64
	Component of the COtis Axx21305DD COTIS Axx21305DD COTIS (German ABA471LJ domanufacture)  For additional information and Base (Floor) of A574 Socket Head  DIMENSIONS (in Depth 9.4  KE TABLE TEST PAZICH 1000 COTIS COT	Component of the Global Control System Otis Axx21305DD drive assembly including Gxx21310EC Gearless 120A CR drive Otis (Germany) ABA471LJ drive stand with integral manufactured by Otis (North Americal For additional information, see Attachment Rigid Base (Floor) mounted using using (4A574 Socket Head Cap Screws w/ washer)  DIMENSIONS (in.)  Depth Height 9.4 53.6  KE TABLE TEST PARAMETERS  z/h	Component of the Global Control System Otis Axx21305DD drive assembly including:  Gxx21310EC Gearless 120A CR drive manufactured by Otis (Germany)  ABA471LJ drive stand with integral mounting flanges, manufactured by Otis (North America)  For additional information, see Attachment 1, Table 2.  Rigid Base (Floor) mounted using using (4) – ½" dia. ASTM A574 Socket Head Cap Screws w/ washers to aluminum plate.  DIMENSIONS (in.)  Depth Height Weight (lb.)  9.4 53.6 254  KE TABLE TEST PARAMETERS  z/h IP AFLX-H (G)  1 0 1.5 3.44	Component of the Global Control System Otis Axx21305DD drive assembly including:  Gxx21310EC Gearless 120A CR drive manufactured by Otis (Germany)  ABA471LJ drive stand with integral mounting flanges, manufactured by Otis (North America)  For additional information, see Attachment 1, Table 2.  Rigid Base (Floor) mounted using using (4) – ½" dia. ASTM A574 Socket Head Cap Screws w/ washers to aluminum plate.  DIMENSIONS (in.)  Depth Height Weight (lb.)  Side-Axis  9.4  53.6  254  8.3  CE TABLE TEST PARAMETERS  Z/h  IP  AFILKH (G)  ARIGH (G)  1  1.5	Component of the Global Control System Otis Axx21305DD drive assembly including:  Gxx21310EC Gearless 120A CR drive manufactured by Otis (Germany)  ABA471LJ drive stand with integral mounting flanges, manufactured by Otis (North America)  For additional information, see Attachment 1, Table 2.  Rigid Base (Floor) mounted using using (4) – ½" dia. ASTM A574 Socket Head Cap Screws w/ washers to aluminum plate.  DIMENSIONS (in.)  Depth Height Weight (lb.)  Depth Height Weight (lb.)  Side-Axis Front-Axis  9.4 53.6 254 8.3 25.2  KE TABLE TEST PARAMETERS  Z/h IP AFLX-H (G) ARIG-H (G) AFLX-V (G)  1 0 1.5 3.44 2.58 1.59

UUT-A3	Elevonic R-Ser	ies DSD-412 [	Orive 19/2020			
MANUFACTURER:	OTIS ELEVATOR CO	MPANY	<del>00/10/2020</del>			
IDENTIFICATION:	Axx21305CG	7.				
DESCRIPTION:  MOUNTING:	Rigid Base (Floor) mc (4) – AAA316GUR5 b (1) – M12-Class8 bolt (1) – 3/8" dia. ASTM aluminum plate.	egs (295 mm clear by frame with (3) – M1 nuts.  unted using rackets, each w/ & hex nut to leg	2x25 Hex head	CODE		2/3 L 295 mm
	DIMENSIONS (in.)			LOWEST	RESONANT FREQUE	NCY (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
31.25	16.8	52	258	9.8	5.2	48
CC-ES AC156 SH	AKE TABLE TEST PAR	AMETERS				CODE: 2016 CB
S <sub>DS</sub> (G)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
2.15	1	1.5	3.44	2.58	1.59	0.64



### ATTACHMENT 2: TEST SPECIMEN SUMMARY

ATTACHMENT PAGE | 3 OF 4

UUT-A4	3-Phase Auto	Transformer, 6	6.5 kVA			
MANUFACTURER:	Warner Power	,				
IDENTIFICATION:	Axx21799L7					
DESCRIPTION:	clause 32 overload	Auto Transformer, er complies with CSA ( test of UL Standard 50 A B44.1/ASME A17.5 f	6 and meets the	N. C.		
MOUNTING:		mounted using (4) $-\frac{1}{2}$ " Screws to aluminum pla				
	DIMENSIONS (ir	1.)	RCODEC	LOWEST	RESONANT FREQU	ENCY (Hz.)
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
26.9	22.4	40	470	10.0	32.9	13.0
ICC-ES AC156 SH	AKE TABLE TEST PA	RAMETERS	JOHPU	7		CODE: 2016 CBC
S <sub>DS</sub> (G)	z/h	/L/ IP	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
2.09 2.39	1 0	1.5	3.34	2.51	1.60	0.65
Unit satisfied AC15	6 requirements for str	uctural integrity and ma	nufacturer requiremen	ts for functionality afte	r AC156 test.	•

UUT-A5	Ripple Filter						
MANUFACTURER:	Warner Power	DATE:	08/18/2020	A PA	and the same of th	The same	
IDENTIFICATION:	Axx21799E222122						
DESCRIPTION:	190 Amp Ripple Filter The ripple filter complies with CSA C22.2 No. 66 and clause 32 overload test of UL Standard 506 and meets the requirements of CSA B44.1/ASME A17.5 for elevator electrical equipment.						
MOUNTING:	Rigid Base (Floor) m Socket Head Cap Sc	ounted using (4) – ½" crews to aluminum pla	dia. ASTM A574 te.	A .	V		
		DIMENSIONS (in.)			LOWEST RESONANT FREQUENCY (Hz.)		
	DIMENSIONS (in.)	)		LOWEST	RESONANT FREQUE	ENCY (Hz.)	
Width	DIMENSIONS (in.)	Height	Weight (lb.)	LOWEST Side-Axis	RESONANT FREQUE Front-Axis	ENCY (Hz.) Vert-Axis	
Width 36.12	<u> </u>	T	Weight (lb.) 570		T .	, ,	
36.12	Depth	Height 34	ŭ , ,	Side-Axis	Front-Axis	Vert-Axis	
36.12	Depth 24.31	Height 34	ŭ , ,	Side-Axis	Front-Axis	Vert-Axis	



08/18/2020

### **Otis Elevator**

#### **ATTACHMENT 2: TEST SPECIMEN SUMMARY**

ATTACHMENT PAGE | 4 OF 4

UUT-A6	Isolation Transformer (DC Drives)						
MANUFACTURER:	Warner Power						
IDENTIFICATION:	Axx21799B10233			3.7			
DESCRIPTION:	80kVA Isolation Transformer for use with DC Drives. 108.8A 480V dry type transformer. Copper winding. Open core coil. The isolation transformer complies with CSA C22.2 No. 66 and clause 32 overload test of UL Standard 506 and meets the requirements of CSA B44.1/ASME A17.5 for elevator electrical equipment.						
MOUNTING:		mounted using (4) $-\frac{1}{2}$ . Screws to aluminum pl		11.07		N	
DIMENSIONS (in.)			LOWEST RESONANT FREQUENCY (Hz.)				
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis	
36	30.3	43.2	701	9.5	45.9	>50	
ICC-ES AC156 SH	AKE TABLE TEST PA	ARAMETERS	JOHLE	7		CODE: 2016 CBC	
S <sub>DS</sub> (G)	z/h	/4/ I <sub>P</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)	
2.08 2.38	1 0	1.5	3.60	2.70	1.59	0.64	
Unit satisfied AC15	6 requirements for str	uctural integrity and m	anufacturer requiremen	ts for functionality afte	r AC156 test.	•	

UUT-A7	Elevonic R-Se	ries Controller	20/40/202			
MANUFACTURER:	OTIS ELEVATOR CO	MPANY DATE:	J8/18/2020			
IDENTIFICATION:	Axx21305CA					
DESCRIPTION:	requirements. The as	complies with CSA B4 sembly includes prima ormer box/up stand. A	ary controller, brake	ODE: 20	Right	
MOUNTING:		F brackets (1/4" thick s .574 Socket Head Cap				
DIMENSIONS (in.)			LOWEST RESONANT FREQUENCY (Hz.)			
Width	Depth	Height	Weight (lb.)	Side-Axis	Front-Axis	Vert-Axis
27.5	16.5	71.25	381	13	13	27.6
ICC-ES AC156 SHA	AKE TABLE TEST PAR	AMETERS	•	•	•	CODE: 2016 CBC
S <sub>DS</sub> (G)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (G)	A <sub>RIG-H</sub> (G)	A <sub>FLX-V</sub> (G)	A <sub>RIG-V</sub> (G)
2.0	1	1.5	3.2	2.4	1.34	0.54
Unit satisfied AC156	6 requirements for struc	tural integrity and mar	nufacturer requiremen	its for functionality after	er AC156 test.	