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Sacramento, CA 95826
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V-800/V-900 AC Controller

Engineering Data Forms

Date: _____

Company: _____

Job Name: _____

Company Address: _____

Shipping Address: _____

Notice Required: 24 Hours 48 Hours Other _____

Lift Gate Truck: Yes No

P.O# _____

Requested Ship Date: _____

* If job is multiple cars please attach a schedule of ship dates and car numbers

Quote #: _____

Specifications Attached: [Y] [N]

Installation Type:

New Construction

Modernization

Instructions

1. Please complete data forms as completely as possible. Incomplete data may delay delivery.
2. For modernization jobs, all applicable data should be measured on existing equipment, which is to be retained.
3. For purposes of this data, the bottom most landing shall be referred to as the first landing, and shall be the reference landing without regard to the building floor numbers or position indicator.
4. Contact "Elevator Controls Corporation" engineering department at 916-428-1708 if any questions arise regarding the required data.

NOTE: **Your controller will be built according to the data furnished herein.**

Contact: _____

Phone: _____

Fax: _____

Motor(s) ship to address (if supplied by ECC):

Attn: _____ Ref# _____

Operating Devices and Features

Please Note: Features in this column have an additional cost.

- [Y] [N] A17.1-1996 Door Lock Bypass Circuitry
- [Y] [N] A17.1/B44.1- 2000 Code Req.(Includes Door Bypass Circuitry)
- [Y] [N] A17.1-2004 Code
- [Y] [N] Attendant (Porter) Operation
- [Y] [N] Absolute Floor Encoding (Required In California)
- [Y] [N] Anti-nuisance Light Curtain or Weigher: _____
- [Y] [N] Card Reader System Interface
In Car, Which Landings _____
In Hall, Which Landings _____
- [Y] [N] Car to Lobby Key Switch
- [Y] [N] CE Microcomm / E-Motive Interface (Driver Board)
- [Y] [N] Earthquake Operation
- [Y] [N] EC Standard Security
(Utilizing C.O.P. Car Call Combinations)
- [Y] [N] Terminal Limit Switches by EC:
[] Mechanical [] Car-Top Magnetic
- [Y] [N] Emergency Power (Generator Power)
Describe _____
- [Y] [N] Hospital Service (Code Blue)
Which Floors, Describe _____
- [Y] [N] Isolation Transformers
- [Y] [N] Key Floor Lockouts
In Car, Which Landings _____
In Hall, Which Landings _____
- [Y] [N] Loadweighing Device
- [Y] [N] Loadweighing Interface
- [Y] [N] Machine Room Sprinkler Interface (Shunt Trip)
- [Y] [N] Machine Room Monitor (17" VGA)
- [Y] [N] Massachusetts EMT Service
Recall Floor _____
- [Y] [N] NEMA Enclosure Rating:
[] 1 (Standard) [] 4 [] 4x [] 12 (Requires Air-Conditioning)
- [Y] [N] Position Velocity Feedback (Closed Loop Traction Only)
- [Y] [N] Remote Monitoring Station (PC desktop)
[] Interact [] Liftnet (IDS)
[] Single [] Group [] Printer
Location: [] Lobby [] Fire Control Room [] Other _____
Communication Media: [] Ethernet [] Line Driver [] Modem
- [Y] [N] Security Operation (Special)
Describe _____
- [Y] [N] Voice Annunciator (Interface "Only")
Mfr. Model _____

- [Y] [N] Mechanical Safety Edge
 - [Y] [N] Electronic Safety Edge
 - [Y] [N] Emergency stop switch in C.O.P.
 - [Y] [N] Independent service switch in C.O.P.
 - [Y] [N] Door Open Button in C.O.P.
[Y] Front [N] Rear
 - [Y] [N] Door Close Button in C.O.P.
[Y] Front [N] Rear
 - [Y] [N] Door Hold Button in C.O.P. (Not Fire Door Hold)
[Y] Front [N] Rear
[Y] Pushbutton [N] Switch
 - [Y] [N] Inspection Switch in C.O.P.
 - [Y] [N] Hoistway access switch top.
 - [Y] [N] Hoistway access switch bottom
 - [Y] [N] Fire Service switch in hall (Phase 1)
Which Landing _____ (Main*Fire*Return*Floor)
2 or 3 Position Switch _____
Describe Switch _____
 - [Y] [N] Additional Fire Service Switch in hall
Which Landing _____
Alternate Fire Return Floor _____
 - [Y] [N] Fire Service Switch in car (Phase 2)
Number Of Switch Positions _____
Describe _____
 - [Y] [N] Call cancel on Phase II button
 - [Y] [N] IN-USE Light
 - [Y] [N] Door Left Open Bell
 - [Y] [N] Governor with remote tripping solenoid
- Length of duplexing or group cable (s) required: _____
(Interconnects Between Controllers, For Duplex Or Group)
- Allow for an additional 5 feet at each end to permit hook up inside controller enclosure.
- Additional operation features required:

Indicators

Specify voltage and select AC or DC

Note: *If no voltages are indicated, controller will be built for 110VAC on all signals, Car, Hall, Etc., including fire indicators.*

Nudging Buzzer:	<input type="checkbox"/>	110 VAC	<input type="checkbox"/>	110 VDC	<input type="checkbox"/>	Other _____	<input type="checkbox"/>	VAC	<input type="checkbox"/>	VDC
Car Button Bulb:	<input type="checkbox"/>	110 VAC	<input type="checkbox"/>	110 VDC	<input type="checkbox"/>	Other _____	<input type="checkbox"/>	VAC	<input type="checkbox"/>	VDC
Hall Button Bulb:	<input type="checkbox"/>	110 VAC	<input type="checkbox"/>	110 VDC	<input type="checkbox"/>	Other _____	<input type="checkbox"/>	VAC	<input type="checkbox"/>	VDC
Position Indicator:	<input type="checkbox"/>	110 VAC	<input type="checkbox"/>	110 VDC	<input type="checkbox"/>	Other _____	<input type="checkbox"/>	VAC	<input type="checkbox"/>	VDC
Fire Warning Light:	<input type="checkbox"/>	110 VAC	<input type="checkbox"/>	110 VDC	<input type="checkbox"/>	Other _____	<input type="checkbox"/>	VAC	<input type="checkbox"/>	VDC
Fire Warning Alarm:	<input type="checkbox"/>	110 VAC	<input type="checkbox"/>	110 VDC	<input type="checkbox"/>	Other _____	<input type="checkbox"/>	VAC	<input type="checkbox"/>	VDC
Digital Annunciator:	<input type="checkbox"/>	110 VAC	<input type="checkbox"/>	110 VDC	<input type="checkbox"/>	Other _____	<input type="checkbox"/>	VAC	<input type="checkbox"/>	VDC

Passing Floor Chime: Voltage _____ AC _____ DC Enable Input Required: Yes No (Standard = NO)

Fixture Manufacturer: _____ **P.O.:** _____

Telephone: _____ **Contact:** _____

PI's In Car: Yes No Standard. Digital: Line/Floor Binary Format CE Microcomm E-Motive
Direction Arrows Car: Yes No Standard. Digital

Note: For digital PI's please order active low

(All Outputs To PI's Are Pulled Up High Thru A 15K Resistor And An Active PI Output Is Grounded).

Common = Ground Common = Active High

Note: For Binary Format Digital PI's Order 0000 = Bottom Landing.

PI's In Hall: Yes No Standard Digital Line/Floor Binary Format CE Microcomm E-Motive
Direction Arrows Hall: Yes No Standard Digital

Which landings: _____

Car Mounted Arrival Gongs and Lanterns: Yes No 110 VAC 110 VDC CE Microcomm E-Motive
 Single Stroke Up And Down Single Stroke Up and Double Stroke Down

Hall Arrival Gongs and Lanterns: Yes No 110 VAC 110 VDC CE Microcomm E-Motive
 Single Stroke Up and Down Single Stroke Up and Double Stroke Down

Other Indicators, Operations and Voltages:

Door Information

If Door Operators Will Be New, Please Provide Supplier Information:

Supplier: _____ Telephone: _____

Contact Name: _____ P.O# _____

Door Model: Indicate model for both front and rear operators. (F, R)

- | | | |
|---|--|--|
| <p>F R</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MOVFR</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MOD (Shunt wound 230V)</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MODPM (Permanent Magnet)</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MOM/MOH</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MOCT/MOCTA (230V)</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MOCTA (115V)</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MOSVCL/MOMSVL/MOHSV L</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MOMCT/MOHCT (230v)</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MOMCT/MOHCT (115V)</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MODCT/MOCT (240V)</p> <p><input type="checkbox"/> <input type="checkbox"/> GAL MODCT/MOCT (120v)</p> <p><input type="checkbox"/> <input type="checkbox"/> MAC PM-SSC</p> <p><input type="checkbox"/> <input type="checkbox"/> MAC Old Style</p> <p><input type="checkbox"/> <input type="checkbox"/> AMP Wittur</p> <p><input type="checkbox"/> <input type="checkbox"/> ATS-E2</p> <p><input type="checkbox"/> <input type="checkbox"/> Commandoor II</p> | <p>F R</p> <p><input type="checkbox"/> <input type="checkbox"/> ECI 895</p> <p><input type="checkbox"/> <input type="checkbox"/> ECI 1000 / 2000</p> <p><input type="checkbox"/> <input type="checkbox"/> QKS 14 (Schindler)</p> <p><input type="checkbox"/> <input type="checkbox"/> QKS 16 (Schindler)</p> <p><input type="checkbox"/> <input type="checkbox"/> QKS 19 (Schindler)</p> <p><input type="checkbox"/> <input type="checkbox"/> Dover Type D</p> <p><input type="checkbox"/> <input type="checkbox"/> Dover DC62</p> <p><input type="checkbox"/> <input type="checkbox"/> Dover DC68</p> <p><input type="checkbox"/> <input type="checkbox"/> Dover HD03 / 03m</p> <p><input type="checkbox"/> <input type="checkbox"/> Dover HD70</p> <p><input type="checkbox"/> <input type="checkbox"/> Dover HD73</p> <p><input type="checkbox"/> <input type="checkbox"/> Dover HD86</p> <p><input type="checkbox"/> <input type="checkbox"/> Dover HD91</p> <p><input type="checkbox"/> <input type="checkbox"/> Fermator</p> <p><input type="checkbox"/> <input type="checkbox"/> R & R</p> | <p>F R</p> <p><input type="checkbox"/> <input type="checkbox"/> Houghton</p> <p><input type="checkbox"/> <input type="checkbox"/> OTIS Type "F"</p> <p><input type="checkbox"/> <input type="checkbox"/> OTIS 20S/30S</p> <p><input type="checkbox"/> <input type="checkbox"/> OTIS 6970A – Reactance</p> <p><input type="checkbox"/> <input type="checkbox"/> OTIS 6970A – Resistance</p> <p><input type="checkbox"/> <input type="checkbox"/> OTIS 7300 (220 VAC, 3 PH)</p> <p><input type="checkbox"/> <input type="checkbox"/> OTIS A7770A</p> <p><input type="checkbox"/> <input type="checkbox"/> OTIS 7782AA</p> <p><input type="checkbox"/> <input type="checkbox"/> Westinghouse Type B w / RC</p> <p><input type="checkbox"/> <input type="checkbox"/> Westinghouse Type E / HY (120 VDC)</p> <p><input type="checkbox"/> <input type="checkbox"/> IPC Encore (close loop)</p> <p><input type="checkbox"/> <input type="checkbox"/> Kinematic</p> <p><input type="checkbox"/> <input type="checkbox"/> Other: _____</p> |
|---|--|--|

(Please provide prints)

Door Operation:

Fully Automatic Fully Manual Automatic Gate with Manual Doors

Nudging required: Yes No

Cam Information:

Number of Cams: _____

Fixed Mechanical (Driven by car gate motor)

Powered Cam: _____ Voltage DC AC 3 Phase AC 1 Phase

Fused Fuse Size Required _____ (From Cam Nameplate)

Additional Cam Information: _____

Non-standard & freight doors: Door prints must be sent "ECC" – Have They? Yes No

- Automatic
- Manual
- Vertical BI-Parting

F R

- Peele Model _____
- EMS Model _____
- Courion Model _____ (If Courion model "MP" Pre-wired Harness Interface Required Y N)
- Harris Preble Model _____
- Security Model _____
- Other Model _____

AC Controller

Machine Room Data

Machine: Basement Overhead Geared Gearless (If existing AC motor, number of speeds: _____)

Motor Voltage: Measured Specified: _____ VAC, 3 Phase _____ Hz

Provide complete motor data (or publish data) including any present speed steps if modernization.

AC Motor to be supplied by ECC: Yes No

Reuland Magil (Reliance) Customer motor brand: _____

Motor Horsepower: _____ Full Load Amps: _____ @ _____ F.P.M. (High Speed)

Voltage: _____ Full Load Amps: _____ @ _____ F.P.M. (Low Speed, for 2-Speed AC)

Full Load (rated) R.P.M.: _____ No Load Amps: _____

Synchronous R.P.M.: _____ Rated Motor Frequency: _____ Hz.

Motor Mounting: Foot Flange

Shaft Style: Straight Taper

If motor supplied by ECC, please indicate ship to address / contact name / reference below:

Brake: DC: _____ AC: 3 Phase: _____ AC 1 Phase: _____

Brake Voltage (Measured): _____ Picking: _____ Holding: _____

Brake Amps (Measured): _____ Brake Resistance (Measured): Hot: _____ Cold: _____

Describe Any Contact On Brake:

Miscellaneous Data: _____