



Engineering Data Form: Hydraulic

6711 Power Inn Rd, Suite B, Sacramento, CA 95828
(916) 957-5900 | sales@alphaelevatorcontrol.com | www.alphaelevatorcontrol.com

Failure to provide accurate and complete information may result in delayed shipment and may incur additional charges. If a section is left incomplete or blank it will be presumed not to apply or the default option will be selected.

Job Information																									
Job Name: _____			PO #: _____																						
Job Address: _____																									
Street		City		State	Zip																				
Market: Government Education Health Care Hospitality Corporate Residential Other: _____																									
Consultant (if applicable): _____ Specification Provided: Yes No (default)																									
Purchaser Information																									
Company: _____ Primary Contact: _____ Alt. Contact: _____ Title: _____ Title: _____ Phone #: _____ Phone #: _____ Cell #: _____ Cell #: _____ Email: _____ Email: _____																									
Installation Company (if different than purchaser)																									
Company: _____ Phone #: _____ Contact: _____ Email: _____																									
Shipping Information																									
Shipping Address:			Billing Address:																						
<table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Terminal Pickup:</td> <td style="width: 25%;">Billing same as Shipping Address:</td> <td style="width: 25%;">Alpha Call Prior to Shipping:</td> <td style="width: 10%;">Yes</td> <td style="width: 15%;">No (default)</td> </tr> <tr> <td>Contact: _____</td> <td></td> <td>Carrier Call for Delivery Appt.:</td> <td>Yes</td> <td>No (default)</td> </tr> <tr> <td>Phone #: _____</td> <td></td> <td>Lift Gate Required:</td> <td>Yes</td> <td>No (default)</td> </tr> <tr> <td>Email: _____</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Terminal Pickup:	Billing same as Shipping Address:	Alpha Call Prior to Shipping:	Yes	No (default)	Contact: _____		Carrier Call for Delivery Appt.:	Yes	No (default)	Phone #: _____		Lift Gate Required:	Yes	No (default)	Email: _____				
Terminal Pickup:	Billing same as Shipping Address:	Alpha Call Prior to Shipping:	Yes	No (default)																					
Contact: _____		Carrier Call for Delivery Appt.:	Yes	No (default)																					
Phone #: _____		Lift Gate Required:	Yes	No (default)																					
Email: _____																									
Freight Terms Use Alpha Carrier: Yes (default) No _____ Will Call *All will call items must be picked up within seven business days*			Customer's Carrier Name: _____ Carrier's Account Number: _____ Collect Third-Party Third-Party Billing (Duties & Taxes)																						
Shipping Schedule																									
Car Label(s):		1	2	3	4	5	6																		
Desired Ship Date(s):																									
Pre-Wire Fixture Information - ALL FIXTURES MUST BE 24 VDC																									
Send COP Boards to Fixture Manufacturer:				Yes No (default)		Fixture Contact: _____																			
Send Hall Boards to Fixture Manufacturer:				Yes No (default)		Job Reference: _____																			
Fixture Manufacturer: <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Innovation</td> <td style="width: 33%;">Monitor</td> <td style="width: 33%;">Dupar</td> </tr> <tr> <td>PTL</td> <td>ECC</td> <td>A&A</td> </tr> <tr> <td>EPCO</td> <td>MAD</td> <td>Other _____</td> </tr> <tr> <td>EC&S</td> <td>SEES</td> <td></td> </tr> </table>				Innovation	Monitor	Dupar	PTL	ECC	A&A	EPCO	MAD	Other _____	EC&S	SEES		Company Name: _____ Shipping Address: _____									
Innovation	Monitor	Dupar																							
PTL	ECC	A&A																							
EPCO	MAD	Other _____																							
EC&S	SEES																								

Hydraulic controller supports up to an 8 car group, all fixture signals must be 24 VDC.

Standard Features Provided:

Soft start pump motor control - Absolute positioning landing system - Independent service - Enclosure ventilation & light - Interface to position indicators
Hoistway access - Motor overheat input - Low oil input

Mechanical Limits: NOT Required

Controller Cabinet(s):

Machine room enclosure: 30"W x 35"H x 10"D

Group & cartop enclosure: 18"W x 12"H x 6"D

Pre-Wired Inspection Station: Standard option is mounted and wired to the cartop enclosure. Please select horizontal if there is limited overhead.

General Information						
	1	2	3	4	5	6
Main Line (VAC/60Hz/3PH):						
Simplex (S) -or- Group (G):						
Contract Speed (FPM):						
Capacity (Lbs):						
Battery Lowering:						
Swing Car:						
Roped:						
Gov. Reset Coil Volts (if roped):						
Governor reset coil must be 120 VAC or 24 VDC if present						
Total # of Openings:						
ASME 17.1 Elevator Safety Code Compliance						
2019	2013	2007	2000	No fire service		
2016	2010	2004	NYC (Appendix K)	CA Group 4		
Other: _____						
Motor & Valve Data						
Motor/Valve Data	1	2	3	4	5	6
Motor Leads:						
Motor Volts:						
HP:						
FLA:						
Valve Brand:						
Valve Model:						
Alpha Elevator Control provides output for 120 VAC valve coils						
Hydraulic Motor Control Preference						
Siemens (soft starter)		Sprecher +Schuh (soft starter)		No Preference		
Enclosure & Environmental Options						
Standard enclosure rating is NEMA 1 ; all machine room controller enclosures include a light and fan .						
Non-standard NEMA Rating						
Machine Room Rating:	NEMA 12	NEMA 4	NEMA 4X	Other: _____		
Hoistway Rating:	NEMA 12	NEMA 4	NEMA 4X	Other: _____		
Enclosure Accessories						
GFCI	Air Conditioning	Legs - 24"	Arc Flash			
Controller Layout						
Standard (default)		Other: _____				
Standard controller layout is a UI board located in the MR, CT, and COP. You will be notified if the preference indicated cannot be accommodated.						
Notes:						

Fixture Information - ALL FIXTURES MUST BE 24 VDC															
<u>In Car Position Indicator</u> Not Required CE Micro Comm (default) DL-20 (interface only) MAD Serial Discrete One line/floor Binary Other: _____		<u>In Hall Position Indicator</u> Not Required CE Micro Comm (default) EX-51 (interface only) MAD Serial Discrete One line/floor Binary Other: _____ # of floors with Hall Position Indicators: ____													
<u>In Car Arrival Lantern</u> Not Required CE Micro Comm DL-20 (interface only) *Discrete always present*		<u>In Hall Arrival Lanterns</u> Not Required CE Micro Comm (default) EX-51 (interface only) Discrete Alpha Serial via Hall Boards													
<u>In Car Passing Chime</u> Not Required CE Micro Comm (default) DL-20 (interface only) Discrete		<u>Lobby Panel</u> Not Required Door open at recall level lamp In use lamp On independent service lamp In service lamp Other: _____ *Provide documentation if available*													
<u>Car Operating Panel (COP)</u> Single (default) Dual Other: _____		<u>Hall Call Security</u> Not Required Provide hall call security per floor Input: dry contacts in hall machine room Provide hall call security override input													
<u>Car Call Security</u> Not Required COP floor buttons as code entry Card reader/Key switches via dry contacts Input: car station (default) machine room Disable security when on Independent Service or Attendant Service Provide a Car Call Security Override Input Input: car station (default) machine room Door Open button enabled on secured landings		<u>Additional Fixture Interface(s)</u> Not Required Voice annunciator via CE Micro Comm Voice annunciator via DL-20													
<u>Operation</u> Selective Collective (default) Non-Selective Collective Non-Selective Non-Collective															
Optional Features															
<u>Operations & I/O</u> Brownout (not applicable with Siemens starter) VIP/Priority service Low pressure Remote (2nd) fire key switch & lamp Dual jack re-sync Flood sensor Car-to-lobby key switch S Button Remove low oil High pressure overload sensor Oil viscosity (cold oil) Remove motor overheat input Fan/light auto shutoff circuit Shunt trip interface Remove hoistway access In-car inspection															
<u>Pre-Wired Inspection Station</u> Not Required Standard Inspection Station (Vertical) Include droplight Horizontal		<u>Hoistway Switch Kit</u> (Mech. limits & mounting) Not Required Include (2) limit switches & (2) mounting brackets **Default option is virtual limits, mechanical limits are not required**													
<u>Attendant Service</u> (not independent service) Not Required Hall call above/below Directional (all hall call lamps) Non-directional (all hall call lamps) Other: _____		<u>Sabbath</u> Not Required Times Start time: End time: Key switch *Provide specification*													
<u>Medical Operations</u> (identify floors on page 4) Building is a Hospital with keys at every floor (Hallway lamp and in car buzzer/lamp included) Interface to patient security Name of patient security: _____ *Provide patient security documentation*		Not Required Non-hospital, medical recall key at main level only (In car buzzer and in car lamp are included) Massachusetts Medical Operation													
<u>Cabling</u> Not Required Provide desired lengths in feet per car. Traveling Cable: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20%;">1</td><td style="width: 20%;">2</td><td style="width: 20%;">3</td><td style="width: 20%;">4</td><td style="width: 20%;">5</td><td style="width: 20%;">6</td></tr></table> Hoistway Cable: <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20%;"></td><td style="width: 20%;"></td><td style="width: 20%;"></td><td style="width: 20%;"></td><td style="width: 20%;"></td><td style="width: 20%;"></td></tr></table>				1	2	3	4	5	6						
1	2	3	4	5	6										

Not Required																																																													
Emergency Power Interface to emergency power is required Emergency power lamp is present Generator power other simplex/groups # of cars generator can operate simultaneously: _____ (Default value is one car)						E.P. contact from generator is: Normally open Normally closed Power pre-transfer contact from generator is: Normally open (default) Normally closed Not present																																																							
Monitoring *Coming Soon*																																																													
Door Information																																																													
Hall Door Type Front Rear Auto passenger Auto passenger Powered freight Powered freight Manual Manual						Car Door Type Front Rear Auto passenger Auto passenger Powered freight Powered freight Manual Manual																																																							
Passenger Door Operator MOVFR/MOVFE (230V) Mac 104/105 Interface Wittur MIDI/Supra Glide A Other: _____ *Wiring diagrams for 'Other' door operators may be required*						Freight Door Operator Courion iLEARN Peelle - wired (PLC) EMS Peelle - wireless Freight door model: _____ *Wiring diagrams for freight door operators are required*																																																							
Door Protection Photo Eye/Light Curtain Mechanical Safety Edge						Door Hold Button Yes No (default)																																																							
Cam Mechanical DC AC(3PH) AC(1PH) Volts: Amps:																																																													
Landings/Openings																																																													
Hall Network Cat5 package: 25 ft (default) 50 ft 100 ft Remove Hall Network Cat5 package Corner Post Rails																																																													
		Floor Labels	Floor Height	Floor Openings						Car Call Security						Hall Call Security						Hosp	IR																																						
M/A	Overhead >			Car1	F	R	Car2	F	R	Car3	F	R	Car4	F	R	Car5	F	R	Car6	F	R	Car1	F	R	Car2	F	R	Car3	F	R	Car4	F	R	Car5	F	R	Car6	F	R		F	R		F	R																
	10																																																												
	9																																																												
	8																																																												
	7																																																												
	6																																																												
	5																																																												
	4																																																												
	3																																																												
	2																																																												
	1																																																												
	Pit >																																																												
M - Main Fire Floor				All Walk-Through						Number of Openings: _____																																																			
A - Alt. Fire Floor				All Front Opening						Total # of Risers: _____																																																			
Total Hoistway Ht. (Pit + Travel + OH)																																																													
Car1				Notes:																																																									
Car2																																																													