


ALPHA
 ELEVATOR CONTROL

Engineering Data Form: Hydraulic

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Access the customer portal to view job tracking and documentation.

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 to not 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 Commercial Residential Other: _____

CONSULTANT: _____ SPECIFICATION PROVIDED: Yes No (default)

PURCHASER INFORMATION

COMPANY: _____ ALT. CONTACT: _____

CONTACT: _____ TITLE: _____

TITLE: _____ PHONE #: _____

PHONE #: _____ CELL #: _____

CELL #: _____ EMAIL: _____

EMAIL: _____

INSTALLATION COMPANY (only applicable if different than purchaser)

COMPANY: _____ PHONE: _____

CONTACT: _____ EMAIL: _____

SHIPPING INFORMATION

SHIPPING ADDRESS:

BILLING ADDRESS:

Terminal Pickup Billing same as Shipping Address

SHIP CONTACT: _____

PHONE #: _____

EMAIL: _____

Alpha Call Prior to Shipping: Yes No (default)

Carrier Call for Delivery Appt.: Yes No (default)

Lift Gate Required: Yes No (default)

FREIGHT TERMS

Use Alpha Carrier: Yes (default) No

Will Call

All will call items must be picked up within seven business days

Customer Carrier Name: _____

Account Number: _____

Collect Third-Party

Third-Party Billing (Duties & Taxes)

SHIPPING SCHEDULE AND LABELS

CAR LABEL(S):

DESIRED SHIP DATE(S):

PRE-WIRE FIXTURE INFORMATION (All fixtures must be 24 VDC)

COP Pre-wired by Fixture Manufacturer: Yes No (default)

Hall Stations Pre-wired by Fixture Manufacturer: Yes No (default)

FIXTURE MANUFACTURER:

Innovation Dupar SEES

MAD Dupar ERM Unitec

Monitor EC&S A&A

PTL ECC EEVI

American Crescent EPCO Other

'Other' Manufacturer Name: _____

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 position landing system - Independent service - Enclosure ventilation & light - Interface to position indicators - Hoistway access - Motor overheat input - Low oil input

Mechanical Limits: NOT Required *hoistway switch kit for mechanical limits available upon request*

Controller Cabinet(s):

Machine Room Enclosure: 30"W x 35"H x 10"D
 Slim Machine Room Enclosure: 20"W x 53"H x 10"D
 In Wall MRL Enclosure: 19"W x 72"H x 6.5"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. Inspection station is also offered not pre-wired to the cartop enclosure. (18"W x 21.25"H x 6"D)

GENERAL INFORMATION

CAR LABEL(S):
 MAIN LINE (VAC/60Hz):
 3 Phase (default) 1 Phase
 SIMPLEX (S) -or- GROUP (G):

CONTRACT SPEED (FPM):
 CAPACITY (Lbs):
 SWING CAR:
 ROPED:
 GOV. RESET Coil Volts (if roped):

Governor reset coil must be 120 VAC or 24 VDC if present

TOTAL # of OPENINGS (F/R):

ASME 17.1 ELEVATOR SAFETY CODE COMPLIANCE

2022	2016	2010	2004	NYC (Appendix K)
2019	2013	2007	2000	No fire service
Other:				CA Group 4

MOTOR & VALVE DATA

MOTOR/VALVE DATA

MOTOR LEADS:
 MOTOR VOLTS:
 HORSEPOWER (HP):
 FULL LOAD AMPS (FLA):
 VALVE BRAND:
 VALVE MODEL:

Alpha 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

STANDARD: NEMA 1

Machine Room Rating:	NEMA 1(Default)	NEMA 12	NEMA 4	NEMA 4X	Other: _____
Hoistway Rating:	NEMA 1(Default)	NEMA 12	NEMA 4	NEMA 4X	Other: _____

ENCLOSURE ACCESSORIES

GFCI

Air Conditioning

Legs - 24"H

Arc Flash

Lift-off Door

Standard door is hinged

CONTROLLER LAYOUT (Enclosure and UI board Locations)

MR, CT, and COP (Default)

MR and CT Only

MR and COP Only

In Wall MRL

S+S starter only - 147 FLA Max

NOTES REGARDING ENVIRONMENT OR LAYOUT:

FIXTURE INFORMATION (All fixtures must be 24 VDC)

<u>IN CAR POSITION INDICATOR</u>	Not Required
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<u>IN CAR ARRIVAL LANTERN</u>	Not Required
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Discrete lanterns always shown on prints

<u>IN CAR PASSING CHIME</u>	Not Required	CAR OPERATING PANEL (COP) Single (Default) Other: Dual
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<u>CAR CALL SECURITY</u>	Not Required
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<u>IN HALL POSITION INDICATOR</u>	Not Required
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<u>IN HALL ARRIVAL LANTERN</u>	Not Required
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<u>LOBBY PANEL LAMPS (24 VDC required)</u>	Not Required
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<u>HALL CALL SECURITY</u>	Not Required
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OPERATION

Selective Collective (default)
*Up and down hall call buttons
w/ multiple calls latching*

Non-Selective, Collective
Single hall call buttons w/ multiple calls latching
Controller supports CE Micro Comm and DL-20 voice annunciator

Non-Selective, Non-Collective
Single hall call buttons answering 1 call at time

OPTIONAL FEATURES**OPERATIONS & I/O**

<u>PRE-WIRED INSPECTION STATION (Standard Inspection Station includes a drop light)</u>	Not Required
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<u>LOAD WEIGHING</u>	Not Required
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<u>ATTENDANT SERVICE (not independent service)</u>	Not Required
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<u>SABBATH</u>	Not Required
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<u>MEDICAL OPERATIONS (identify floors on page 4)</u>	Not Required
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<u>CABLING (Provide desired lengths in feet per car)</u>	Not Required
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EMERGENCY POWER

MONITORING

Not Required

HALL DOOR TYPE

FRONT: Auto passenger Powered freight Manual (hall doors do not open when car doors open)
REAR: Auto passenger Powered freight Manual (hall doors do not open when car doors open)

CAR DOOR TYPE

FRONT: Auto passenger Powered freight Manual
REAR: Auto passenger Powered freight Manual

PASSENGER DOOR OPERATOR

MOVFR/MOVFE (230V) MAC 104/105 Interface Other:
Wittur MIDI/Supra Glide A *Wiring diagrams for 'Other' door operators may be required*
Fermator

FREIGHT DOOR OPERATOR

Courion - MP Peelle - wired (PLC) Freight door model:
EMS - Eclips Peelle - wireless *Wiring diagrams for freight door operators are required*

DOOR PROTECTION

Not Required

DOOR HOLD BUTTON

Not Required

HALL LOCK CAM (info required with manual hall door)

LANDINGS/OPENINGS

Not Required

This tells us that a full CAT-5 package is required and what length the CAT-5 cable between the controller and hoistway needs to be

		Floor Labels	Floor Height(ft.)	Floor Openings								Car Call Security								Hall Call Security								Hosp	IR						
M/A	Overhead(ft.)>			F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R		
	10																																		
	9																																		
	8																																		
	7																																		
	6																																		
	5																																		
	4																																		
	3																																		
	2																																		
1																																			
	Pit(ft.)>																																		

M - Main Fire Floor	
A - Alt. Fire Floor	

Total Hoistway Ht. (Pit + Travel + OH)

Car1	
Car2	
Car3	
Car4	
Car5	
Car6	

NOTES:

All Walk-Through
All Front Opening

Number of Openings: _____
Total # of Risers: _____
Riser refers to the # of hall button fixtures per opening