

## All Nexus Controllers come with the following Standard

☒ Siemens Starter ☒ Fan / Light Timer (Auto Shut Off) ☒ GFCI Outlet ☒ Cabinet Lighting ☒ Fan (Forced Air Ventilation) ☒ Car Top ☒ Enclosure and Inspection Station  
☒ Kubler Landing System ☒ Landing System Mounting Kit ☒ In Car Inspection ☒ Low Oil ☒ Independent Service ☒ Motor Overheat ☒ Hot Oil ☒ Low Pressure ☒ Viscosity

## Important Information:

1. Some Controller Options are not yet supported by the Nexus Controller. Contact your Sales Representative, with any requirements you cannot find a selection for.
2. Please fill out these data forms as completely as possible. Incomplete data may delay delivery.
3. A blank or no selection will be considered as item not applicable to this project.
4. All applicable data should be measured on the existing equipment, when it is to be retained.
5. Contact your Vantage Sales Representative, if any questions arise regarding the required data.

### Contractor Information:

Company: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

### Shipping Information: Same as above

Company: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Shipping Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Notice Required:  
 24 Hours 48 Hours Other: \_\_\_\_\_  
 Shipping Method: Ground Air  
 Lift gate truck required

### Delivery Schedule

On-Site Date  
 CarA  
 CarB  
 CarC  
 CarD

### Delivery of Fixture Node Boards (Pre-wiring)

Ship Fixture Node Boards with Controller  
 Ship Fixture Node Boards in advance.

Company: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Ref #: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

### Job Information

Job Name: \_\_\_\_\_  
 Job Location: \_\_\_\_\_  
 Job Address: \_\_\_\_\_  
 Job City: \_\_\_\_\_  
 Job State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

### Code Compliance United States:

#### A17.1-20xx/B-44-20xx

-19 -16 -13 -10 -07 -04  
 Other (specify) - \_\_\_\_\_

#### Additional state or local code compliance:

None Nebraska  
 Chicago New York City  
 GSA/Federal Washington (Seattle)  
 Michigan Other

Other or Additional Compliance Requirements?

### Job Specifications

Yes No

Consultant: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Installation Type: New Construction  
 Modernization

Duty Type: Passenger Service Freight

Building Classification:  
 Office Government Hotel, Apartment, Condo  
 School or University Hospital/Medical Facility  
 Other: Prison/Jail

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### Controller Options:

Simplex:  
Group  
Number of Cars In Group:

### Nema Requirements:

1      4      4X      12

### Fire Service Operation:

Phase I Keyswitch  
3 Position      2 Position (NYC)  
Additional Fire Service Key

### Fire Service Recall Landing Selection:

Main Recall Landing *Rear*  
*Opening*  
Alternate Recall Landing: *Rear*  
*Opening*

### Inspection/Hoistway Access Operations:

In-Car Inspection (*Enable, Up, and Down Inputs*)  
2 - Position Enable Switches  
3 - Position Inspection and HW Access switch  
Top Access Landing: *Rear*  
*Opening*  
Bottom Access Landing: *Rear*  
*Opening*

### Car Call Security:

*Required*

Key Switch *Inputs in COP*      Card Reader *Inputs in MR*  
Call lockout override switch : *\*Select Input Location\**  
COP      Machine Room  
Bypass Security on Ind. / Atnd. Service

### Hall Call Security:

*Required*

Key Switch (Dry Contacts in Fixture)  
Card Reader (Controller Inputs)  
Call lockout override switch

### Swing Operation

*Swing Car(s)*  
Key switch <sup>\*</sup>  
Dedicated riser for swing hall calls  
Automatically switch when IR call is <sup>\*</sup>  
*Required*

### Code Blue / EMT Operation:

EMT / Non-Hospital (Single Landing)  
Hospital (Multiple Landings)  
Dedicated Car      Specify:  
All Cars Available

**Capacity**      lbs      kg  
**Speed:**      fpm      m/s  
**Total Travel**      ft      m

**Cat 5 Package Lengths:**  
**Machine Room to Hoistway:**  
**Floor to Floor:**  
**Hoistway to Hall Fixture**

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The Nexus control system requires all fixtures to be 24VDC, 3-6 watts maximum.

### Car Call Registration:

# of car stations (COP) per car:

Stop Switch in Aux COP

Top of Car to COP Harness Length:

### Car PI:

C.E. Micro Comm 3-wire

ECC DL-20/EX-51

MAD - Giotto

MAD - Matisse

E-Motive 3-wire

E-Motive - CAN

MAD - Raffaello

### Car Lanterns & Audible Indicators:

3-wire C.E. Micro Comm      3-wire Emotive

Discrete outputs on COP (24VDC, 6W max.)

Gong      Chime

Passing floor enable button ("S" button)

Voice annunciation device

COA & A [ A ] { { E } [ A ] A E A A / A C P A A A } A }

### Hall PI:

C.E. Micro Comm 3-wire

ECC DL-20/EX-51

MAD -CAN

E-Motive 3-wire

E-Motive - CAN

Number of Hall PI(s):

### Hall Lanterns:

Chime      Gong

3-wire C.E. Micro Comm

3-wire Emotive

RAS Hall boards (1 per floor)

Š & aq } QDK All Floors      Lobby Only  
Other: \_\_\_\_\_

### Additional Fixture Panels: (Provide Fixture Drawings for Panel's)

(If no Fixture Drawings are provided. Below Selections will be used Only)

Fire Panel

Lobby Panel

Auxiliary Panel

Standard Options: (Inputs / Switches)				
Output Selection (Mark Required Input and Locations Below)				
(F = Fire Panel) (L = Lobby Panel) (A = Auxiliary Panel) (C = COP)				
F	L	A	C	
				Additional Fire Service Key
				Car to Lobby / Floor Switch
				Emergency Power Selection Switch
				Car Call Security Override Switch
				Hall Call Security Override Switch
				Sabbath Enable Switch
Outputs / Indicators - (24VDC, 3W max.):				
(F = Fire Panel) (L = Lobby Panel) (A = Auxiliary Panel) (C = COP)				
F	L	A	C	
				Fire Service Lamp
				Overloaded Lamp
				In Service Lamp
				Out of Service Lamp
				Hospital Service Lamp
				Doors Open Lamp
				Independent Service Lamp
				Fire Phase 2 Lamp
				Pit Flood Lamp
				Emergency power lamp
				EQ Lamp
Additional Inputs Required: (List Name and Operations)				
(F = Fire Panel) (L = Lobby Panel) (A = Auxiliary Panel) (C = COP)				
F	L	A	C	
Additional Outputs Required: (List Name and Operations)				
F	L	A	C	

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### Line Voltage: *Type in Voltage if not in Drop Down*

Select Line Voltage: (VAC)  
 AC 3 phase (symmetrical with respect to ground)  
 AC single phase *\*ATL Contactors Only\**  
 60 Hz      50 Hz

### Hydraulic Pump Motor Data:

HP:      FLA:  
 Voltage: *VAC*      Phase  
 Motor Leads:      3/9      6/12  
 Number of starts/hour rating:      80      120

### Soft Starters

No Preference (first available - standard)  
 Sprecher+Schuh      Siemens

### Valve Data:

### Brand:

Default Valve Configuration	Maxton	EECO
1 - Valve Per Motor	TKE/Dover	Bucher
4 - Coils Per Valve	Blain	GMV
120VAC - Valve Coil Voltage	Other:	

### Battery powered lowering device:

Required

### Emergency Power Generator:

*E.P. contact during normal op.*      Open      Closed  
 Power pre-transfer contact  
 Sequential lowering (standard)  
 Manual select switch:  
*# of Pos:*      *Labels:*

### Additional Controller Options:

Parking:      Single Car      All Cars  
 Park with doors:      Open      Closed  
 Attendant Operation      Annunciator panel in car  
 Sabbath Operation  
 Car to Lobby Switch:      COP      Machine Room  
 Doors Remain Open at Landing  
 Cancel car calls immediately  
 Pit Flood Operation *Return landing:*  
 Seismic Switch

### IMPORTANT:

Place an "X" in the appropriate box(es) to indicate door operator (F = Front and R = Rear). Operators shown in

### Automatic Passenger Door Operators:

Place an "X" in the appropriate box(es) to indicate door operator (F = Front and R = Rear). Operators shown in

### F R

GAL MOVFR:	230V	115V
GAL MOVFE:	230V	115V
GAL MOVFE CAN bus:	230V	115V
MAC PM-SSC		
KONE AMD		
MCE Smartraq		
Otis Glide A ( <i>Replaced AT-400</i> )		
Otis AT400 <i>Customer-supplied Pwr Supply</i>		
Other:*		

\*Please send/provide door operator wiring diagrams.

### Door Features

Door Protection  
 Photo-Eye  
 Mechanical safety edge  
 Nudging      Buzzer Only  
 Door hold: (time)      sec.  
 Cut-out switch located in COP  
 Anti-nuisance  
 Front heavy doors at landings:  
 Rear heavy doors at landings: