



### Warning: Review Before Submittal

- Failure to Provide Accurate and Complete Information could result in the following: Delayed Controller Shipment, Price Change, and Incurred Engineering Charges.
- If a job specification is included you must complete the 'Build to Job Specification' section on page 3.
- All Fixtures must be 24 VDC / 6 Watts Max.
- If a category is not completed, the **default** option will be assumed.

TRACTION AC - Table of Contents by Page	
1. Job Information	6. Fixtures
2. Shipping & Pre-Wire	7. Car Door Data
3. General Controller Information	8. Landings and Openings
4. Motor/Encoder, and Brake Data	9. Elevator(s) Physical Layout
5. Features & Functions	10. Motor Purchase from Smartrise

*This document can be edited, saved, and submitted electronically using Adobe Reader.*

Job Details	
Job Name: <input type="text"/>	Market Segment: <input type="checkbox"/> Financial
PO #: <input type="text"/>	<input type="checkbox"/> Federal <input type="checkbox"/> Health Care <input type="checkbox"/> Residential
Job Location (City & State) <input type="text"/>	<input type="checkbox"/> Education <input type="checkbox"/> Hospitality <input type="checkbox"/> Other

Purchasers Information (If Packager, Fill in End User Info on Right)	
Name: <input type="text"/>	
Title: <input type="text"/>	
Company: <input type="text"/>	
Phone: <input type="text"/>	Fax: <input type="text"/>
Cell: <input type="text"/>	
Email: <input type="text"/>	
<b>Engineering Contact Information (If different than above)</b>	
Name: <input type="text"/>	
Phone: <input type="text"/>	Fax: <input type="text"/>
Cell: <input type="text"/>	
Email: <input type="text"/>	
<input type="text"/>	Date Filled Out

End User Information (For Packager Use Only)	
Name: <input type="text"/>	
Title: <input type="text"/>	
Company: <input type="text"/>	
Phone: <input type="text"/>	Fax: <input type="text"/>
Cell: <input type="text"/>	
Email: <input type="text"/>	

Job Site Address (Address Where Controller(s) Will Be Installed)	
Street: <input type="text"/>	
City: <input type="text"/>	
State: <input type="text"/>	
Zip Code: <input type="text"/>	

Building Owner/Manager Information	
Name: <input type="text"/>	
Phone: <input type="text"/>	
Email: <input type="text"/>	
Street: <input type="text"/>	
City: <input type="text"/>	
State: <input type="text"/>	
Zip Code: <input type="text"/>	

**FULL ELEVATOR SYSTEMS**

Should you have a need for complete or partial elevator systems, contact Smartrise Sales for more information.

**Smartrise Packager Partners**

\*Alliance \* AVT Lifts \*Canton \* Delaware Manufacturing \* EV Elevator Intl  
 \*IGV \* MEI\*

\*Modular Elevator \* Phoenix Modular\*

Shipping Information	
Contact Name: <input style="width: 95%;" type="text"/> Phone: <input style="width: 25%;" type="text"/> <input style="width: 75%;" type="text"/> Contact Fax/Email: <input style="width: 95%;" type="text"/>	
Smartrise Call Prior to Shipping: <input type="checkbox"/> Yes <input type="checkbox"/> No Carrier Call for Delivery Appointment: <input type="checkbox"/> Yes <input type="checkbox"/> No Lift Gate Required: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Freight Terms</b> Use Smartrise Carrier: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Will Call <input type="checkbox"/> Pre-paid	Customer's Carrier Name: <input style="width: 95%;" type="text"/> Carrier's Account Number: <input style="width: 95%;" type="text"/> <input type="checkbox"/> Collect <input type="checkbox"/> Third-Party Third-Party Billing (Duties & Taxes) <input style="width: 95%;" type="text"/>
Ship to Name/Company: <input style="width: 95%;" type="text"/> Shipping Address: <input style="width: 95%; height: 40px;" type="text"/>	Bill To Address: <input style="width: 95%; height: 40px;" type="text"/>

Shipping Schedule			
Controller(s)	Desired Ship Date from Smartrise	Controller(s)	Desired Ship Date from Smartrise
<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>
<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>
<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>
<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>

Note: Desired ship date from Smartrise is not an arrival date.

Pre-wire Fixtures (Must be 24 VDC / 6 Watt Max)		Not Required <input type="radio"/>
Pre-wire COP Boards: <input type="checkbox"/> Yes <input type="checkbox"/> No (Default)		
Pre-wire Hall Boards: <input type="checkbox"/> Yes <input type="checkbox"/> No (Default)		
<b>Fixture Manufacturer</b> <input type="checkbox"/> Innovation <input type="checkbox"/> ECC <input type="checkbox"/> Other <input type="checkbox"/> Monitor <input type="checkbox"/> MAD <input type="checkbox"/> PTL <input type="checkbox"/> Otis <input type="checkbox"/> RSL Car Calls <input type="checkbox"/> RSL Hall Calls	Company Name: <input style="width: 95%;" type="text"/> Ship to Address: <input style="width: 95%; height: 40px;" type="text"/>	
Job Reference: <input style="width: 95%;" type="text"/>	Contact Person at Mfg. <input style="width: 95%;" type="text"/>	

**Electrical Main Line and Transformer Specification**

**Main Line Specification:**

Main Line Volts (Transformer required if motor volts are 10% greater than main line)

Three Phase (Default)

VAC L1 to GND     VAC L2 to GND     VAC L3 to GND

Single Phase

Hz (Main Line is 60Hz unless otherwise stated)

**Main Line Transformer (If Customer Requires)**

Provided by Smartrise

Provided By Customer (Customer to provide drawing)

Secondary Voltage

kVA

Data Plate Copy Included

**Configuration**

Simplex  # Cars

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Group  # Cars in Group  # of Hall Risers/Group

Group Redundancy       Swing Riser, Car #

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Selective Collective (2 buttons/floor, multiple calls)

Non-Selective Collective (1 button/floor, multiple calls)

Non-Selective Non-collective (1 button/floor, 1 call at a time)

**Environmental Considerations** Not Required

Controller Cabinet Air-pressure cooled (Add Vortex)  
(Customer to provide Air Compressor)

Controller Cabinet Air conditioned cooled (Add A/C Unit) Controller

Cabinet Forced Air cooled (Add fan and filter)

Arc Flash Protection

Special attention to hoistway shaft (Provide details in notes below)

Outdoor or Hostile (Industrial Environment)

NEMA Rating for Machine Room Controller Cabinet (If required, Default NEMA 1)

NEMA Rating for Top of Car Enclosure (If required, Default NEMA 1)

NEMA For Landing System (If required, Default NEMA 1)

**Connection Package (Run Box)**

SmartConnect Package - Recommended (Pre-Wired Car Top Inspection Box Included)

**Car Operating Panel**

Single Panel (Default)       Other

Dual Panels       Remote Panel

Notes and Special Instructions

**Build to Job Specifications** Not Required

We will review the spec and will provide a list of exceptions when necessary.

Job needs to be built to meet Engineering Specifications in Document provided EXCEPT those listed below (Provide page/section & description of exceptions)

**ASME 17.1 Elevator Safety Code Compliance**

2019     

2016

2013

2010

2007       NYC (Appendix K)

2004       No Fire Service     MASSACHUSETTS

2000

**Controller Layout Preference**

Standard (MR, CT, and COP) (Default)

No Cartop

No COP

Custom:

We will notify you if the preference chosen cannot be honored

Traction Features ( <input type="checkbox"/> Features for all cars is the same as car 1) <b>Failure to provide data will result in delay of controller shipment</b>									
Car	Contract Speed	Capacity	Motor Provided By	Encoder Provided By	Customer Supplied Encoder Info	Regn Kit	MRL Battery Rescue	Gov Reset Coil Is	Coil Is
			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer	<input type="checkbox"/> Smartrise* <input type="checkbox"/> None <input type="checkbox"/> Customer (Include info in notes)	Make	<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release	<input type="checkbox"/> Is 24 VDC	<input type="checkbox"/> Is 120 VAC
1			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer	<input type="checkbox"/> Smartrise* <input type="checkbox"/> None <input type="checkbox"/> Customer (Include info in notes)		<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release	<input type="checkbox"/>	<input type="checkbox"/>
2			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer	<input type="checkbox"/> Smartrise* <input type="checkbox"/> None <input type="checkbox"/> Customer (Include info in notes)		<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release	<input type="checkbox"/>	<input type="checkbox"/>
3			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer	<input type="checkbox"/> Smartrise* <input type="checkbox"/> None <input type="checkbox"/> Customer (Include info in notes)	Model	<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release	<input type="checkbox"/>	<input type="checkbox"/>
4			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer	<input type="checkbox"/> Smartrise* <input type="checkbox"/> None <input type="checkbox"/> Customer (Include info in notes)		<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release	<input type="checkbox"/>	<input type="checkbox"/>

\*Except encoders and cables for PM

Motor/Encoder Data ( <input type="checkbox"/> Data for all cars are the same as car 1) <b>Failure to provide data will result in delay of controller shipment</b>														
Car	Machine Brand/Model	Motor Volts	FLA	HP	RPM	Motor Freq.	# of Poles	PM Accel Volts	Rope Ratio	Sheave Dia.	Gear Ratio	Encodr PPR	Enc Cbl Length	Enc Shaft Dia
1														
2														
3														
4														

Motor Data for IM & PM Motors ( <input type="checkbox"/> Data for all cars are the same as car 1) <b>Failure to provide data will result in delay of controller shipment</b>									
Car	Motor Type			Machine Type	MRL	Location	Mount	Peak Amps	
1	<input type="checkbox"/> Induction Motor <input type="checkbox"/> Permanent Magnet Motor	<input type="checkbox"/> Single Speed Motor (Default)	<input type="checkbox"/> Dual Speed Motor	<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement	<input type="checkbox"/> Foot <input type="checkbox"/> Flange		
2	<input type="checkbox"/> Induction Motor <input type="checkbox"/> Permanent Magnet Motor	<input type="checkbox"/> Single Speed Motor (Default)	<input type="checkbox"/> Dual Speed Motor	<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement	<input type="checkbox"/> Foot <input type="checkbox"/> Flange		
3	<input type="checkbox"/> Induction Motor <input type="checkbox"/> Permanent Magnet Motor	<input type="checkbox"/> Single Speed Motor (Default)	<input type="checkbox"/> Dual Speed Motor	<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement	<input type="checkbox"/> Foot <input type="checkbox"/> Flange		
4	<input type="checkbox"/> Induction Motor <input type="checkbox"/> Permanent Magnet Motor	<input type="checkbox"/> Single Speed Motor (Default)	<input type="checkbox"/> Dual Speed Motor	<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement	<input type="checkbox"/> Foot <input type="checkbox"/> Flange		

Brake Data ( <input type="checkbox"/> Data for all cars are the same as car 1) <b>Failure to provide data will result in delay of controller shipment</b>													
Car	DC/AC	Pick Volts (DC or AC)	Hold Volts (DC Only)	Coil Resistance	Coil Amperage	Emergency (2 <sup>nd</sup> ) Brake			Independent (2 <sup>nd</sup> ) Brake Data				
	<input type="checkbox"/> DC (Default) <input type="checkbox"/> AC (3-Phase) <input type="checkbox"/> AC (1-Phase)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake	<input type="checkbox"/> Independent 2nd DC Brake on Motor						
1	<input type="checkbox"/> DC (Default) <input type="checkbox"/> AC (3-Phase) <input type="checkbox"/> AC (1-Phase)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake	<input type="checkbox"/> Independent 2nd DC Brake on Motor						
2	<input type="checkbox"/> DC (Default) <input type="checkbox"/> AC (3-Phase) <input type="checkbox"/> AC (1-Phase)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake	<input type="checkbox"/> Independent 2nd DC Brake on Motor						
3	<input type="checkbox"/> DC (Default) <input type="checkbox"/> AC (3-Phase) <input type="checkbox"/> AC (1-Phase)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake	<input type="checkbox"/> Independent 2nd DC Brake on Motor						
4	<input type="checkbox"/> DC (Default) <input type="checkbox"/> AC (3-Phase) <input type="checkbox"/> AC (1-Phase)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake	<input type="checkbox"/> Independent 2nd DC Brake on Motor						

Hollister-Whitney Rope Gripper if NOT 120 VAC. Specify Voltage:

**Motor Control Preference**

- Magnetek - Default
- K.E.B.
- Magnetek Quattro AC

**Filters**

- Line Reactor
- EMI/RFI Filter
- Harmonic Filter

We will notify you if the preference chosen cannot be honored

**Notes and Special Instructions**

**Special Features** Not Required

Remote (2<sup>nd</sup>) Fire Key Switch & Lamp

Earthquake  
(Includes Buzzer and Lamp)

Car-to-Lobby Key Switch

Fan and Light Auto Shutoff Circuit  
(CT only)

Machine Room Cabinet Light

Machine Room Cabinet Power Plug

Shunt-Trip

Flood Sensor

'S' Button

**Special Modes of Operation** Not Required

Independent Service (Default)

Hoistway Access  Yes (Default)  No

In-Car Inspection Switch (Uses top/bottom car calls)

CT Inspection will not work unless an In-Car Key Switch is active (Access or IC Inspection)

Non-standard

Medical Emergency Service (Provide floor(s) on page 8)

Building is a Hospital with keys at every floor  
In Car Buzzer, In Car Lamp, and Hallway Lamp at each floor are included

Non-Hospital – Phase 1 key at main level only  
In Car Buzzer and In Car Lamp are included

Sabbath (Attach spec)

Times  
Start  End

Key Switch

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Patient Security

Other (Attach spec)

**Attendant Service** Not Required

Attendant Service (Is NOT Independent Service)

In Car Buzzer  In Car Lamp

Choose 1:  Hall Call Above/Below Lamps (Default)

Non-directional (All hall call lamps)

Other: \_\_\_\_\_

**Emergency Power (If generator can not run all cars)** Not Required

E.P. Contact from Generator is

Normally Open  Normally Closed

Power Pre-Transfer Contact from Generator is

Normally Open (Default)  Normally Closed  Not Present

Emergency Power Car Selector Switch

Single Car Selection (Default)  Multiple Car Selection (Provide details below)

Number of cars the generator can operate simultaneously  
(Default value is 1 car)

Generator powers other Simplex/Groups

**Car Call Security (Specify floors on page 8)** Not Required

Using COP Floor Buttons as Code Entry

Using Dry Contacts from Card Readers and/or Key Switches

Input in Car Station (Default)  Input in Machine Room

Override Security When on Independent Service or Attendant Service

Provide a Car Call Security Override Input

Input in Car Station (Default)  Input in Machine Room

Door Open Button Functions on Secured Landings

Other Considerations

**Hall Call Security** Not Required

Provide Enable/Disable all Hall Calls Input (simplex)

Provide a Hall Call Security Override Input (per floor)

Dry Contacts in Hall Fixtures  Signals in Machine Room (Default)

Other Considerations

**Controller Monitoring System** Not Required

Designed and Manufactured by Smartrise Engineering

Machine Room Monitoring

Local Monitoring (Lobby/Engineering/Management)

Remote Monitoring (Cloud) – Requires Internet Connection

Designed and Manufactured by Integrated Display Systems

Lift-Net with USB RS-422 Interface (Serial)

Lift-Net with Moxa Unit Interface (Ethernet / LAN)

Designed and Manufactured by Kings III of America

ORM (Interface only)

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BACnet

### • Custom Traveler and Hoist-way Cable (Purchase from Smartrise)

Draka  James Monroe Not Required

	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Traveler Cable #1	Traveler Cable #2	Traveler Cable #3	Traveler Cable #4	Traveler Cable #5
<b>CUSTOM LABELING</b>	Yes	Yes	Yes	No	No
<b># OF CONDUCTORS</b>	26	33	43	27	69
<b>CORE</b>	Jute	Steel	Steel	Jute	Steel
<b>DIAMETER</b>	1.040"	1.190"	1.370"	0.940"	1.570"
<b># OF 14 AWG</b>	4	4	4	3	5
<b># OF 18 AWG</b>	14	20	23	20	40
<b># OF 20 AWG SHIELD</b>	4	4	7	2	11
<b>COAXIAL (RC/6U)</b>	0	1	2	0	2
<b>APPROVALS/BOTH</b>	UL Type ETT, NEC Compliant, CSA Type ETT, CSA FT1				

Length of Cable(s) Per Car (in feet)

Car 1

Car 2

Car 3

Car 4

Car 5

Car 6

**Hoistway Cable**

Yes

21

N/A

0.640"

0

21

0

0

UL & CSA Hoistway NEC Compliant

### • All Fixtures must be 24 VDC / 6 Watts Max.

**In Car Position Indicator** Not Required

CE Micro Com (**Default**)  Discrete Signals (One line per floor)

Emotive 3-Wire  Discrete Signals (Binary)

DL-20 (Interface only)  RSL

MAD (Giotto) Other: \_\_\_\_\_

**In Hall Position Indicator** Not Required

CE Micro Com (**Default**)  Discrete Signals (One line per floor)

Emotive 3-Wire  Discrete Signals (Binary)

EX-51 (Interface only)  RSL  MAD (Giotto)

# of Floors with Hall Position Indicators  
Other: \_\_\_\_\_

**In Car Arrival Lantern** Not Required

CE Micro Com (**Default**)  Discrete Signals

Emotive 3-Wire Bulb/Chime wattage (If discrete):

MAD (Giotto)  RSL

Other: \_\_\_\_\_

**In Hall Arrival Lanterns** Not Required

First Floor Only (Discrete)  CE Micro Com Lanterns (Type: SA130M Req.)

All Floors (Smartrise Hall Boards)  Emotive 3-Wire

EX-51/EX31 (Interface only)  RSL

If Lamps/Gongs are not 24 VDC / 6 Watt (Explain below)

**In Car Passing Chime** Not Required

CE Micro Com (**Default**)  Discrete Signal  RSL

Emotive 3-Wire Bulb/Chime wattage (If discrete):

**In Car Voice Annunciator** Not Required

CE Micro Com  Emotive 3-Wire  Speaker is Remote

RSL

Provided By:  Customer (Must be CE or Emotive 3-Wire - **Default**)

Other: \_\_\_\_\_

**Lobby Panel** Not Required

Door Open Lamp  In Use Lamp

On Independent Svc. Lamp  In Service Lamp

Emergency Power Lamp

Other Requirements

**Load Weighing** Not Required

Load Weigher Provided By  Overload Lamp

Smartrise  Customer  Anti-Nuisance

# Ropes  Rope Diameter  1:1 Roping

2:1 Roping

# Car Door

Door Type 1	All <input type="checkbox"/> F <input type="checkbox"/> R	Car 1 <input type="checkbox"/> F <input type="checkbox"/> R	Car 2 <input type="checkbox"/> F <input type="checkbox"/> R	Car 3 <input type="checkbox"/> F <input type="checkbox"/> R	Car 4 <input type="checkbox"/> F <input type="checkbox"/> R
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**Hall Door Type**  
 Auto Passenger (Default)     Powered Freight (See \* below)     Manual     Other

**Select Door Operator**

<input type="checkbox"/> Abell	ATS 0090	Field "EZ"
<input type="checkbox"/> GAL	MODCTL	24vdc interface relays
<input type="checkbox"/> GAL	MOD	L, G, or X
<input type="checkbox"/> GAL	MOVFR	230 VAC input voltage
<input type="checkbox"/> Kone	Mac	104 or 105D Interface board
<input type="checkbox"/> Kone	PMSSC	104 or 105D Interface board
<input type="checkbox"/> Otis	AT-400	240 AC/120 VDC Interface GLIDE A (Discrete)
<input type="checkbox"/> Otis	AT-400/Glide P	Multi-Drop (Serial)
<input type="checkbox"/> TKE	Dover HD-03	Requires IO Card: 6300TX2 (110 VAC)
<input type="checkbox"/> TKE	Dover HD-73	Type D/IVO
<input type="checkbox"/> TKE	Dover HD-91	DC Motor
<input type="checkbox"/> TKE	HDLM	Requires UIT_I/O Card
<input type="checkbox"/> Fermator	VVVF5	Linear Door Operator
<input type="checkbox"/> None		Manual Car Gate
<input type="checkbox"/> Peelle	Wireless	*Input Freight/door information at bottom
<input type="checkbox"/> Courion	ILearn	
<input type="checkbox"/> EMS		
<input type="checkbox"/> Other		*Input Other door information at bottom

**Door Protection**  
 Photo Eye/Light Curtain (Default)     Mechanical Safety Edge     Door Hold Button

**Cam**  
 Mechanical     DC     AC (3-Phase)     AC (Single Phase)  

Volts	Amps

**Gate Release**  
 DC     AC (3-Phase)     AC (Single Phase)  

Volts	Amps

Other Door Considerations

Door Type 2	All <input type="checkbox"/> F <input type="checkbox"/> R	Car 1 <input type="checkbox"/> F <input type="checkbox"/> R	Car 2 <input type="checkbox"/> F <input type="checkbox"/> R	Car 3 <input type="checkbox"/> F <input type="checkbox"/> R	Car 4 <input type="checkbox"/> F <input type="checkbox"/> R
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**Hall Door Type**  
 Auto Passenger (Default)     Powered Freight (See \* below)     Manual     Other

**Select Door Operator**

<input type="checkbox"/> Abell	ATS 0090	Field "EZ"
<input type="checkbox"/> GAL	MODCTL	24vdc interface relays
<input type="checkbox"/> GAL	MOD	L, G, or X
<input type="checkbox"/> GAL	MOVFR	230 VAC input voltage
<input type="checkbox"/> Kone	Mac	104 or 105D Interface board
<input type="checkbox"/> Kone	PMSSC	104 or 105D Interface board
<input type="checkbox"/> Otis	AT-400	240 AC/120 VDC Interface GLIDE A (Discrete)
<input type="checkbox"/> Otis	AT-400/Glide P	Multi-Drop (Serial)
<input type="checkbox"/> TKE	Dover HD-03	Requires IO Card: 6300TX2 (110 VAC)
<input type="checkbox"/> TKE	Dover HD-73	Type D/IVO
<input type="checkbox"/> TKE	Dover HD-91	DC Motor
<input type="checkbox"/> TKE	HDLM	Requires UIT_I/O Card
<input type="checkbox"/> Fermator	VVVF5	Linear Door Operator
<input type="checkbox"/> None		Manual Car Gate
<input type="checkbox"/> Peelle	Wireless	*Input Freight/door information at bottom
<input type="checkbox"/> Courion	ILearn	
<input type="checkbox"/> EMS		
<input type="checkbox"/> Other		*Input Other door information at bottom

**Door Protection**  
 Photo Eye/Light Curtain (Default)     Mechanical Safety Edge     Door Hold Button

**Cam**  
 Mechanical     DC     AC (3-Phase)     AC (Single Phase)  

Volts	Amps

**Gate Release**  
 DC     AC (3-Phase)     AC (Single Phase)  

Volts	Amps

Other Door Considerations

\* Freight/Other Door Operator Info

Manufacturer	
Model	
Reference #'s	
Job Prints from Door Manufacturer are Required	

Notes and Special Instructions:







\* Complete only if purchasing a motor from Smartrise  
 \* All other motor data is provided on Page 4

**Existing Machine Information**

Machine Brand

Model

Style

Counter Weight Percentage:

**New Motor Information**

Volts

RPM

Straight Shaft  
 Tapered Shaft

**Encoder Cable Length**

30 Ft.  
 40 Ft.  
 50 Ft.  
 Other  Ft.

**Coupling Survey (only if provided by Smartrise)**

(CF) Coupling Flange Diameter

Number of Mounting Bolts

Bolt Size

(BH) Bolt Hole Diameter

(BTB) Center Bolt to Center Bolt

(BC) Bolt Circle

**Existing Motor Information**

Manufacturer:

Frame Size/Style:

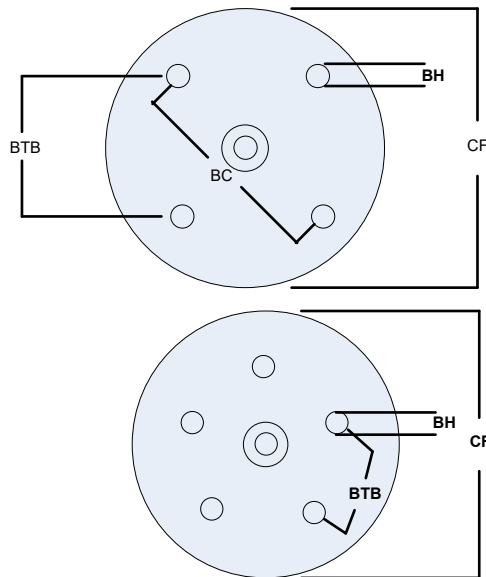
Foot Mount     Flange Mount

HP     Volts     RPM

Car Speed

Car Capacity

Machine Location  Overhead  
 Basement



Notes and Special Instructions