

MCE to complete shaded area

MCE Job Number:	Date Received:
Job Name:	Job Engineer:

Logistics Information

Job Type

- Federal Government
 State Government
 Other Government
 Courthouse
 Hospital
 School or University
 Office Building
 Private
 Jail / Prison
 Other _____

Site & Contact Information

Site Address
Owner Representative
Print Name:
Signature:
Title:
Business Phone:
Cell Phone:
eMail:
Address:

Consultant Information

Business Name:
Contact Name:
Business Phone:
Cell Phone:
eMail:
Address:

Form Completed By

Name:
Business Phone:
Cell Phone:
eMail:
Address:

Contractor Information

Business Name:
Contact Name:
Business Phone:
Cell Phone:
eMail:
Address:

Shipping Information

Ship To Address:	

- Notice Required:
 24 hrs
 48 hrs
 Lift Gate Truck Required:
 Yes
 No



Motion Control Engineering
11380 White Rock Road
Rancho Cordova, CA 95742

iControl Traction Data Form

916 463 9200 Voice

Doc: JER117 0710 Page 2 of 10

916 463 9201 FAX

Logistics Information (continued)

Delivery & Payment Schedule

Standard MCE terms of payment (net 30 days) apply to your order. If you require special terms of payment, please provide an Alternative Payment Schedule.

Per state tax laws, it is critical that MCE receive exemption or resale certificates prior to the material being shipped and billed. If the job is a tax exempt job, send the exemption certificate with this form. If you are a resale customer and have a resale certificate, please make sure that the MCE accounting department has a copy on file.

Customer Job Number:		
Customer PO Number:		
Job Name:		
Number of cars:		
Control	Delivery Date	Payment Date
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Group " "		

Delivery & Payment Schedule

If different payment terms are required, please provide an alternative proposal. Please include specifics of building owner payments and provide a copy of your contract.

Alternative Proposal Provided: Yes No
Contract Attached: Yes No

Job Push-Outs and Cancellation

Jobs pushed out by the customer more than 90 days beyond the originally scheduled date may be subject to cancellation charges as follows:

- * Before engineering commences: 10% of total sales order
- * After engineering completed: 30% of total sales order
- * After construction completed: 75% of total sales order

Extra Documentation

If this job requires additional engineering drawing packages or additional manuals, please indicate below.

<input type="checkbox"/> Drawing Sets	# Required:
<input type="checkbox"/> Manuals	# Required:

Elevator Safety Code Compliance

Accurate information is essential. Both hardware and software are affected.

Job Location (City/State):		
Contract Date:		
Project Type: <input type="checkbox"/> New Construction <input type="checkbox"/> Modernization		
Elevator Duty: <input type="checkbox"/> Passenger <input type="checkbox"/> Service <input type="checkbox"/> Freight		
Measurements: <input type="checkbox"/> U.S./English <input type="checkbox"/> S.I./Metric		
U.S. compliance		
<input type="checkbox"/> ASME A17.1-2007 <input type="checkbox"/> A17.1-2004 <input type="checkbox"/> A17.1-2000		
<input type="checkbox"/> ASME A17.1-1996/98		
<input type="checkbox"/> ASME A17.1- Specify code and addenda.		
International compliance		
<input type="checkbox"/> Australia AS 1735		
<input type="checkbox"/> Britain EN 81/ BS 5655		
<input type="checkbox"/> Canada <input type="checkbox"/> B44-07 <input type="checkbox"/> B44-04 <input type="checkbox"/> B44-00		
<input type="checkbox"/> Other: <input type="checkbox"/> TSSA		
Additional state or local code compliance		
<input type="checkbox"/> California <input type="checkbox"/> OSHPD Medical facility Certification Required <input type="checkbox"/> Shake Test (Special Seismic Certification) and Seismic Anchorage OPA <input type="checkbox"/> Shake Test (Special Seismic Certification) and Center of Gravity Drawings		
<input type="checkbox"/> Chicago		
<input type="checkbox"/> Denver	<input type="checkbox"/> Pressurized Hoistway	
<input type="checkbox"/> GSA / Federal	<input type="checkbox"/> Heat detectors (<input type="checkbox"/> MR <input type="checkbox"/> Floors)	
<input type="checkbox"/> Hawaii		
<input type="checkbox"/> Maryland		
<input type="checkbox"/> Michigan	<input type="checkbox"/> Detroit	<input type="checkbox"/> Mach room sprinklers
<input type="checkbox"/> New York state	<input type="checkbox"/> New York City	<input type="checkbox"/> White Plains
	<input type="checkbox"/> Nassau County	
<input type="checkbox"/> Pennsylvania		
<input type="checkbox"/> Washington (<input type="checkbox"/> Seattle)	Number of Fire Phase 1 switches:	
	# of 3-position switches:	# of 2-position switches:
<input type="checkbox"/> Washington DC		
<input type="checkbox"/> Other:		
<input type="checkbox"/> Additional Compliance Requirements? Explain:		

Job Specification

Does project have job specifications?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, number of pages: _____	
Have specifications been forwarded to MCE?	<input type="checkbox"/> Yes <input type="checkbox"/> No



Motion Control Engineering
11380 White Rock Road
Rancho Cordova, CA 95742

iControl Traction Data Form

916 463 9200 Voice

Doc: JER117 0710 Page 3 of 10

916 463 9201 FAX

Control Information

Type of Operation

<input type="checkbox"/> Simplex	
Home Landing#: _____	Floor Label: _____
<input type="checkbox"/> Groupless Automatic (iComm-Connect w/o iCue)	
<input type="checkbox"/> Group Automatic (iCentral w/ enhanced iCue)	
Number of Cars: _____	
Lobby Landing #1: _____	Floor Label: _____
Lobby Landing #2: _____	Floor Label: _____
Number of Hall Call Risers: _____	
<input type="checkbox"/> Swing Car Operation Car(s): _____ <input type="checkbox"/> Activated by keyswitch Switch location: <input type="checkbox"/> Car <input type="checkbox"/> Hall <input type="checkbox"/> Autoswing (<input type="checkbox"/> w/ keyswitch)	
iCentral Group to Controller Ethernet Cable Lengths: <input type="checkbox"/> 5' <input type="checkbox"/> 10' <input type="checkbox"/> 25' <input type="checkbox"/> 50' <input type="checkbox"/> 75' <input type="checkbox"/> 100' <input type="checkbox"/> 150' Standard 25 ft. Measure distance from group control(iCentral) to most distant iControl, add 10 ft. for inside cabinet connections. Order one cable for each iControl in the group. There is no daisy chaining. Each control will communicate directly with the group.	
Cross Cancellation/Registration Panel (iCue required)* Temporary hall call panel used during modernization process when existing dispatcher and MCE dispatcher are to operate simultaneously as one dispatching system.	
<input type="checkbox"/> Cross Registration	<input type="checkbox"/> Cross Cancellation
*Copy of the existing hall call schematics must be provided. Existing Hall Call Bus Voltage: _____ <input type="checkbox"/> AC <input type="checkbox"/> DC Existing control type: <input type="checkbox"/> Relay logic <input type="checkbox"/> Microprocessor	

Fire Service Operation

<input type="checkbox"/> Fire Service Phase I	
Main Landing #: _____	Floor Label: _____
Doors will open: <input type="checkbox"/> Front <input type="checkbox"/> Rear	
Phase 1 Switch is: <input type="checkbox"/> 2-position <input type="checkbox"/> 3-position	
Alternate Landing #: _____	Floor Label: _____
Doors will open: <input type="checkbox"/> Front <input type="checkbox"/> Rear	
Additional 2-position switch: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Switch location: Landing #: _____ Floor Label: _____	
<input type="checkbox"/> "Master Fire Service" switch (Chicago High Rise only)	
<input type="checkbox"/> Fire Service Phase II	
Type of switch: <input type="checkbox"/> 3-position <input type="checkbox"/> 2-position	Call Cancel Button: <input type="checkbox"/> Yes <input type="checkbox"/> No
Additional Fire Operation Requirements for Nassau County NY, Detroit MI, California or GSA/Federal Jurisdictions: <input type="checkbox"/> Shunt Trip Delay <input type="checkbox"/> Heat Detectors: (<input type="checkbox"/> Machine Room <input type="checkbox"/> Each floor)	

Other Operating Features

Attendant Service: <input type="checkbox"/> Yes <input type="checkbox"/> No
Annunciator Panel in Car (Monitoring Hall Calls Registered): <input type="checkbox"/> Yes <input type="checkbox"/> No
Car to Lobby Switch: <input type="checkbox"/> Yes <input type="checkbox"/> No
Recall Landing: _____ Floor Label: _____
Park with doors: <input type="checkbox"/> Open <input type="checkbox"/> Closed
Location of switch: <input type="checkbox"/> Car <input type="checkbox"/> Hall
Earthquake Service: <input type="checkbox"/> Yes <input type="checkbox"/> No
Code Compliance: <input type="checkbox"/> ASME <input type="checkbox"/> California
Machine Type: <input type="checkbox"/> Traction <input type="checkbox"/> Winding Drum
<input type="checkbox"/> Seismic switch (<input type="checkbox"/> By MCE <input type="checkbox"/> By Customer)
<input type="checkbox"/> C/W derailment device (<input type="checkbox"/> By MCE <input type="checkbox"/> By Customer)
<input type="checkbox"/> Earthquake light / buzzer
<input type="checkbox"/> Car to operate on fire or hospital service
Emergency Power Operation: <input type="checkbox"/> Yes <input type="checkbox"/> No
Does generator power cars from other banks? <input type="checkbox"/> Yes <input type="checkbox"/> No
If so, is sequential lowering required amongst elevators from different banks? <input type="checkbox"/> Yes (Overlay req'd) <input type="checkbox"/> No
Number of cars allowed to run simultaneously: _____
Split or multiple power feeders to the elevators? <input type="checkbox"/> Yes <input type="checkbox"/> No
Status of EP contact during normal power: <input type="checkbox"/> Open <input type="checkbox"/> Closed
Power pre-transfer contact – 10 sec minimum: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Manual Selector Switch
Number of positions: _____ Labels: _____
Is switch located at the designated level in view of all elevator entrances? <input type="checkbox"/> Yes <input type="checkbox"/> No (Indicator req'd)
Emergency Medical Technician (EMT) Service: <input type="checkbox"/> Yes <input type="checkbox"/> No
Flood Operation: <input type="checkbox"/> Yes <input type="checkbox"/> No
Lowest landing that the car can go in an event of a flood: Landing: _____ Floor Label: _____
Hoistway Access Operation: <input type="checkbox"/> Yes <input type="checkbox"/> No
2-position switch in COP: <input type="checkbox"/> Yes <input type="checkbox"/> No
Top access switch: <input type="checkbox"/> Yes <input type="checkbox"/> No
Switch location: <input type="checkbox"/> Front <input type="checkbox"/> Rear
Bottom access switch: <input type="checkbox"/> Yes <input type="checkbox"/> No
Switch location: <input type="checkbox"/> Front <input type="checkbox"/> Rear
Hospital Service (Code Blue): <input type="checkbox"/> Yes <input type="checkbox"/> No
Which Cars Used: _____ Floors Served: _____
In car activation: <input type="checkbox"/> Keyswitch <input type="checkbox"/> Other <input type="checkbox"/> None
In car indicators: <input type="checkbox"/> Yes <input type="checkbox"/> No
Independent Service: <input type="checkbox"/> Yes <input type="checkbox"/> No
Key switch location: <input type="checkbox"/> Hall <input type="checkbox"/> Car
In-Car Inspection Switch: <input type="checkbox"/> Yes <input type="checkbox"/> No
Switch must be of the 2-position type.
In-car inspection using top and bottom car calls: <input type="checkbox"/> Yes <input type="checkbox"/> No
Sabbath Operation: <input type="checkbox"/> Yes <input type="checkbox"/> No
Timed Fan Light Output: <input type="checkbox"/> Yes <input type="checkbox"/> No
Used to turn cab fan/lights off after car idle for specified length of time; fan / lights to turn on if car in demand. (Std. 30 secs)



Motion Control Engineering
11380 White Rock Road
Rancho Cordova, CA 95742

iControl Traction Data Form

Doc: JER117 0710 Page 4 of 10

916 463 9200 Voice

916 463 9201 FAX

Load Weighing and Related Operating Modes

EMCO Rope Tension Load Weigher

EMCO Rope Tension Load Weigher, Car: ____
 Number of ropes: 4 5 6 7 8
 Roping: 1:1 2:1
 Rope diameter: 10mm 1/2 in 9/16in 5/8 in

If additional cars use same roping, and more load weighers are required, indicate quantity here: _____

If car roping varies, provide information for each car below.

EMCO Rope Tension Load Weigher, Car: ____
 Number of ropes: 4 5 6 7 8
 Roping: 1:1 2:1
 Rope diameter: 10mm 1/2 in 9/16in 5/8 in

EMCO Rope Tension Load Weigher, Car: ____
 Number of ropes: 4 5 6 7 8
 Roping: 1:1 2:1
 Rope diameter: 10mm 1/2 in 9/16in 5/8 in

EMCO Rope Tension Load Weigher, Car: ____
 Number of ropes: 4 5 6 7 8
 Roping: 1:1 2:1
 Rope diameter: 10mm 1/2 in 9/16in 5/8 in

Other Load Weighing Devices:

LW-MCEIP (Isolated Platform type required)

K-Tech Strain Gauge (from MCE)

K-Tech Strain Gauge (from other) Model: _____

Other Load Weigher Brand: _____ Model: _____

Discrete Load Weigher (Dry Contact Interface)

Light load (Antinuisance)

Heavy load (Hall call bypass)

Overload

Remote Monitoring (iMonitor/iReport/BMS/IDS):

Remote Monitoring Required: Yes No
 Controller to be monitored by system that is: New Existing
 Monitor size: 17"LCD (Std) Other(_____)
 Computer Type: Desktop(Std) Laptop

Remote Access Hardware Features: (optional)
 Ethernet Hyper Extender VPN Router

Monitoring Application:

iMonitor (Campus View iLobby)
 iReport (Printer required: Yes No)
 IDS Liftnet
 BMS (Building Management System)
 JACE Interface required: Yes No
 Existing Communication protocol:
 Ethernet BACnet LONworks Modbus

Monitoring system indicated is to be located at:

Security Room Engineer's / Building Manager's Office
 Concierge Desk Other

Security

Security Devices

Car Call Cutouts: Yes No
 Card Reader Dry Contact
 Contact Rating: 120VAC (Std) 24VDC Other
 Keyed floor lockout switches
 Switch Location: Car Hall
 Number of switches: _____

Car Call Code using Car Pushbuttons
 Hall Call Cutouts: Yes No
 Card Reader Dry Contact
 Contact Rating: 120VAC (Std) 24VDC Other
 Keyed floor lockout switches
 Switch Location: Car Hall
 Number of switches: _____

Door Control Options During Security:

Allow Door Open Button to operate after doors closed at a secure floor? Yes No
 Car allowed to park at secured floor? Yes No

Bypass Security? (Fire Service to bypass per code)

Independent Service Attendant Service
 Hospital Service Other (_____)

Special Security Features:

Jail Security *
 Deputy/Marshal Service*
 Remote Car Station Control
 Evacuation Service *
 Other * (_____)
 * additional details must be provided

Child / Infant Abduction / Bracelet Operation
 Number of landings with detection device: _____
 At which landings:
 Landing #: _____ Floor Label: _____
 Allow car to continue to run if not at affected landing:
 Yes No

Machine Room Monitoring (iVIEW):

iView is a graphical user interface used to configure, adjust, and troubleshoot the iControl platform. It can also be used for simple machine room monitoring. It is typically used in a machine room environment adjacent to the control equipment.

When utilizing an iCentral-Cue, the iVIEW component of the iControl is built into the group dispatching enclosure.
 Monitor size: 17"LCD (Std) Other(_____)
 Machine room Printer required: Yes No

If an iCOMM-CONNECT is being used, the iVIEW component supplied is not enclosed into any cabinet or enclosure.
 CRT Enclosure Required: Yes No



Motion Control Engineering
11380 White Rock Road
Rancho Cordova, CA 95742

iControl Traction Data Form

916 463 9200 Voice

Doc: JER117 0710 Page 6 of 10

916 463 9201 FAX

Machine Room (continued)

General Information

Voltage

Line Voltage Available (@ disconnect): _____

Line Voltage Measured: _____

- AC 3 Phase (symmetrical with respect to ground)
- AC 3 Phase (grounded leg delta configuration)*
- AC 2 Phase AC Single Phase DC
- 60 Hz 50 Hz

* Isolation Transformer required

Other Power Related Features:

- Add isolation transformer: Yes No
- Isolation Transformer Sequential Start: Yes No
- TVSS (Surge suppressor) required: Yes No

Reduced Stroke Buffers: Yes No
Buffer rating: _____ (fpm)

Counterweight safety Yes No

Jawless Governor Yes No

Controller Type

- iControl AC (AC Regenerative Drive Req'd): Yes No
- iControl DC

Machine and Brake

Machine Existing New New by MCE

Brand: _____

Machine location: Overhead Basement MRL

- Geared Ring & Worm Helical
- External Tandem

- Gearless AC PM AC Induction
- DC

Roping: 1:1 2:1

For MRL Applications:

- Battery Backup Passenger Rescue with Video
- Remote Governor Set / Reset
- Coil Voltage: AC DC

Brake Existing New Brand: _____

DC Brake

Voltage: Pick: _____ Hold: _____

Coil Resistance: _____ Measured Data Sheet

Hot Cold

Contact on Brake: Yes No

Type: N/O N/C

AC Brake control is not available for iControl.

Machine Blower: Yes No

Voltage: _____ Phase: _____ FLA: _____

Emergency Brake

ASME A17.1-2000/CSA B44-00 or later requires the addition of an emergency brake on all new traction elevators, per 2.19. Also note that some alterations will trigger the requirement to add an emergency brake as well (i.e., change in type of service or motion control; increase in rated load or speed; and replacing the driving machine)

- Hollister Whitney Rope Gripper Thyssen Sheave Brake
- Bode Rope Brake Other (_____)
- Secondary/Independent Brake on machine
(not accepted in Nebraska)

Power Supply of Brake: 120VAC (Std) Other
If other, please specify: Voltage: _____ FLA: _____

Hoist Motor

Variable Frequency AC

- Existing New New by MCE

Brand: _____ HP: _____

Voltage: _____ FLA: _____ # Poles: _____

Sync RPM: _____ FL RPM: _____ Frequency: _____

For 2-speed motors, measure the high speed winding.

Other name plate data: _____

Variable Voltage DC

- Existing New New by MCE

Brand: _____ HP: _____

Voltage: _____ FLA: _____ RPM: _____

Other name plate data: _____

Shunt Field Voltage:

Forcing: _____ Full Speed: _____ Standing: _____

Shunt Field Resistance: _____ (ohms)

- Measured Data Sheet # of coils: _____
- Series Series/Parallel
- Hot Cold

Loop Circuit Armature Voltage while running:

(measured on motor brushes):

Up empty car: _____ VDC at speed: _____

Down empty car: _____ VDC at speed: _____

Loop Circuit Current while running:

Up empty car: _____ Amps at speed: _____

Down empty car: _____ Amps at speed: _____

Velocity Feedback Device

- By MCE By Customer
- Analog Tachometer (Mount: Flange Foot)

If gearless;

Drive sheave diameter: _____ (in)

Diameter of surface to run tach: _____ (in)

- Digital Velocity Encoder (shaft driven device)

Encoder cable length (ft): _____



Fixture Information

Auxiliary Car Station Yes No
Total Number of Car Stations in each car:
 1 2 3 4

Call Registration Indicators
Car: Incandescent LED
Voltage: _____ AC DC
Hall: Incandescent LED
Voltage: _____ AC DC

Serial Link
Call pushbuttons must be mechanical and fixtures must be 24VDC, 6 Watt maximum.

Car Calls (Optional – boards to be located behind car station)
 Hall Calls (Standard – board located in each hall p/b station)

Serial fixture boards to be sent to fixture manufacturer / contractor for pre-wire? Yes (If so, indicate where below) No
Ship serial boards to:
 C.E. Electronics EPCO Dupar
 Innovation Industries Monitor MAD
 ERM PTL
 Elevator Contractor Office
Please indicate Contact Person / Number in Special Notes below
Which boards to be sent?: COP Hall Station

Lanterns:
 Hall Car (Indicate # of Jamb arrows: _____)
Lantern Signal Format:
 Serial (3-Wire Microcom type)
 Discrete
Indicator: Voltage: _____ AC DC
Bulb wattage: _____
 Gongs: Voltage: _____ AC DC
 Chimes: Voltage: _____ AC DC

Passing Floor Gong or Chime: Yes No
Passing Floor Gong Signal Format:
 Serial (3-Wire Microcom type)
 Discrete
Fixture Voltage: _____ AC DC
Passing floor enable (S) button: Yes No

Voice Annunciation Yes No
Annunciator device provided by: CE Electronics
 E-Motive
 Other: _____
Annunciator Signal Format:
 Serial (3-Wire Microcom type)
 Discrete
 One line per floor
 Binary

Special Notes:

Status Indicators

Type	Volts	AC	DC
Attendant Light/Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
Attendant Service Annunciator Panel Indicators	_____	<input type="checkbox"/>	<input type="checkbox"/>
Call Registration Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
Door Closing Warning Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
Door Hold Light	_____	<input type="checkbox"/>	<input type="checkbox"/>
Door Left Open Bell	_____	<input type="checkbox"/>	<input type="checkbox"/>
Earthquake Light / Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
EMT Service Light (Car, Hall)	_____	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Power Light	_____	<input type="checkbox"/>	<input type="checkbox"/>
Fire Light / Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
Hospital Light / Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
In-Service Light	_____	<input type="checkbox"/>	<input type="checkbox"/>
In-Use Light	_____	<input type="checkbox"/>	<input type="checkbox"/>
Load Status Light	_____	<input type="checkbox"/>	<input type="checkbox"/>
Nudging Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>

Position Indicators

MCE C.E. Electronics Serial Interface Driver (MicroComm)
 MCE E-Motive Serial Interface Driver
 Other Serial Fixture Driver (Please provide details)

Serial PI fixtures located in: Car Hall
If hall, indicate landing #: _____ Floor label: _____

Discrete Multi-Light
 Car with direction arrows
Voltage: _____ AC DC
 Hall with direction arrows
Voltage: _____ AC DC
At landing #: _____ Floor label: _____

Discrete Digital Brand & Model: _____
 Car _____ with direction arrows
 Hall _____ with direction arrows
At landing #: _____ Floor Label: _____
Signal Format:
 One line per floor
 Binary (Code begins at 1st landing 00 01)
 Grey Code
Signal Voltage:
 120VAC (Standard)
 24VDC
 Other
Voltage: _____ AC DC
If DC, common is: Positive Negative



Motion Control Engineering
11380 White Rock Road
Rancho Cordova, CA 95742

iControl Traction Data Form

Doc: JER117 0710 Page 8 of 10

916 463 9200 Voice

916 463 9201 FAX

Door Information

Car Gate

- Automatic passenger style doors
- Powered freight style doors
- Manual doors
- Other: _____

Gate Release Solenoid Yes No

Voltage: ___ AC 3-Phase AC 1-Phase DC

Current/Fuse size: 2A 3A Other: _____

Automatic Passenger Style Doors

(See section below for freight style doors)

MCE

- SmarTraq Complete (Complete SmarTraq data forms)
- SmarTraq Upgrade
(Upgrades existing operator to closed loop. Mark existing model below.)

GAL

- | | |
|--|---|
| <input type="checkbox"/> MOVFR I | <input type="checkbox"/> MOM/MOH |
| <input type="checkbox"/> MOVFR II (230V) | <input type="checkbox"/> MOMVC/MOHVC |
| <input type="checkbox"/> MOVFR II (115V) | <input type="checkbox"/> MOSVCL |
| <input type="checkbox"/> MOD (230V) | <input type="checkbox"/> MOPM-P/MOPM-PL |
| <input type="checkbox"/> MOD (115V) | <input type="checkbox"/> MOCT/MOCTA/MODCT/
MOMCT/MOHCT
Motor Voltage: <input type="checkbox"/> 220 <input type="checkbox"/> 110
Logic Voltage: <input type="checkbox"/> 220 <input type="checkbox"/> 110 |
| <input type="checkbox"/> MODHA | |
| <input type="checkbox"/> MODVC/MODHVC | |
| <input type="checkbox"/> MOA | |

MAC/Kone

- PM-SSC/104 Board MAC (old style)
- AMD/Kone

TKE/Dover

- HD03 (120VAC) HD03M (Low Voltage)
- HD68/70/73/91 (Circle model number)
- HD98/85 (Requires SmarTraq upgrade kit)
- HD-LM
- Smart tech

Otis

- | | |
|---|--|
| <input type="checkbox"/> 6970A – Resistance | <input type="checkbox"/> 6970A – Reactance |
| <input type="checkbox"/> 7300 | <input type="checkbox"/> A7770A |
| <input type="checkbox"/> 7782AA | <input type="checkbox"/> OVL |
| <input type="checkbox"/> iMotion 1 & 2 | <input type="checkbox"/> AT400 |

ECI

- 895/1000 2000 VFE 2500

Other

- IPC Encore (closed loop) Mitsubishi LV1/4K
- Delco (closed loop) Schindler QKS 14 & 15
- Atlantic/Vertisys Model: _____
- Other (wiring diagram required): _____

Powered Freight Style Doors

Door Controller Model

- | | |
|---|---|
| <input type="checkbox"/> Peelle | <input type="checkbox"/> New Model: _____ |
| | <input type="checkbox"/> Existing (electrical schematic required) |
| <input type="checkbox"/> Courion | <input type="checkbox"/> New Model: _____ |
| | <input type="checkbox"/> Existing (electrical schematic required) |
| <input type="checkbox"/> EMS | <input type="checkbox"/> New Model: _____ |
| | <input type="checkbox"/> Existing (electrical schematic required) |
| <input type="checkbox"/> Other | <input type="checkbox"/> New Model: _____ |
| | <input type="checkbox"/> Existing (electrical schematic required) |

Door Operation (freight doors only)

Opening: Automatic
 Momentary pressure

Closing: Automatic
 Momentary pressure
 Constant pressure

Fire Service Phase I Closing:
 Automatic
 Momentary pressure
 Constant pressure

Hoistway Doors

- Automatic passenger style doors
- Powered freight style doors
- Manual doors
- Other: _____
Interlock brand and model: _____
Closed contact Yes No
Locked contact Yes No
- Door locking cam
 Retiring
(not driven by automatic passenger style car gate)
Voltage: _____ AC 3-Ph AC 1-Ph DC
Current / Fuse size: 2A 3A Other: _____
- Fixed cam
- Driven by automatic passenger style car gate

Door Features

Door position monitoring switch required by ASME A17.1-1996 / CAN/CSA B44-94 and later on power operated, horizontally sliding/mechanically coupled (automatic passenger style) doors. Contact must close when doors close.

- Infrared detector unit/photo eye
- Mechanical safety edge
- COP cut-out switch for photo-electric eye or IR detector
- Heavy doors at landings (at which floor(s)): _____
- Dual door operators on same side for wide opening
- Door Hold Operation (Non-Fire Operation)
 Pushbutton Switch
If momentary, maximum hold time = 120 seconds
- Nudging
 Reduced torque with buzzer
 Buzzer only
 Ignore photo eye after _____ second interval
If safety edge or door open button activated, doors should:
 Stop Re-open
- Door open button Front Rear
- Door close button Front Rear

