

CONTROLLER ORDER FORM - TRACTION

In order to consolidate all relevant information and reduce the processing time of the project, please complete this form and return it. The delivery date will be effective upon receipt of the completed form.

Date: _____ Company: _____ Address: _____ _____ Contact: _____ Phone: _____ Documentation for client: ☐ English ☐ French Installer: _____ Site address: _____ (Town province or state) _____ _____ _____	Required by _____ Quote #: JRT- _____ PO number: _____ Project's name: _____ Spec available: ☐ Yes ☐ No Carrier: _____ Account #: _____ ☐ Freight by JRT ☐ Tailgate required Shipping address: _____ _____ _____ _____
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Main supply: _____ Volts ☐ 1 phase ☐ 3 phases ☐ 50 hertz ☐ 60 hertz	Project type: ☐ New construction ☐ Modernization Distance Between Motor and Controller: ☐ >50' Distance : _____	Use: ☐ Passenger ☐ Service ☐ Freight	Machine room location: ☐ Overhead ☐ Basement ☐ Side Qt of deflection sheaves _____
Modernization project: Existing main switch: _____ Amps Fuses: _____ Amps Existing transformer: _____ KVA			

Elevator Code compliance ☐ B44-2007 ☐ ASME 17.1-2007 ☐ B44-2010 ☐ ASME 17.1-2010 ☐ B44-2013 ☐ ASME 17.1-2013 ☐ B44-2016 ☐ ASME 17.1-2016 ☐ B44-2019 ☐ ASME 17.1-2019		Specify town : _____ ☐ Other Code: _____
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Positionning system ☐ Supplied by JRT		☐ CEDES Coded Tape (Absolute Positioning) ☐ KUEBLER Coded Tape (Absolute Positioning) ☐ Tapeless ☐ Magnetic ☐ Perforated Tape ☐ Governor Encoder	☐ Nema 1 (Std) ☐ Nema 12 (dust) ☐ Nema 4 (water) ☐ Nema 4X (water/rust)
Required tape lenght _____ feet	Cable lenght for governor encoder (35' (standard): _____ Governor's diameter: _____ inches		
☐ Tape mounting kit (hoist) ☐ Tape mounting kit (car) ☐ Magnetic limit switches			

Type of operation

☐ Simplex:	☐ Selective collective	Parking floor: _____ At _____ Of _____
	☐ Single collective	☐ Open door
	☐ Down collective	☐ Closed door
	☐ Single automatic	☐ Parking with key
	☐ Constant pressure	☐ Automatic parking

☐ Duplex:	☐ Selective collective (std)	
	☐ Other :	
	1st parking floor: _____ At _____ Of _____	☐ Open door
	2nd parking floor: _____ At _____ Of _____	☐ Closed door
Duplex ethernet cable lenght (50' standard): _____		(Consider 4' will be in each controller)

☐ Group:	Group size: _____	
	Group ethernet cable lenght (50' standard): _____	
	1st parking floor: _____ At _____ Of _____	☐ Open door
	2nd parking floor: _____ At _____ Of _____	☐ Closed door
	If other, please specify _____	
<i>If home landing is not specified, the car stays at last call answered.</i>		

Manual door:

- ☐ Retiring cam
☐ Fixed cam
☐ Gate release solenoid

Volts: _____ Amps: _____
☐ 1 Phase ☐ AC
☐ 3 phases ☐ DC

Automatic door:

- ☐ New operator
☐ Existing operator

- ☐ MOVFR/ECI VFE2500
☐ MOH-MOM
☐ MOD (☐ With field)
☐ TORIN FIELD X
☐ PEELLE model: _____
☐ PLC slace mode
☐ Wireless
☐ Other model: _____

Door features

- ☐ Infrared detector unit/photocell: _____ Volts
☐ Anti-nuisance versus photocell
 Number of maximum stops: _____
 Door open button: ☐ Front ☐ Rear
 Close door button: ☐ Front ☐ Rear

- ☐ Nudging
☐ "Delay +" button
☐ Mechanical safety edge
☐ Pre-opening

Enclosure type

- ☐ Nema 1 ☐ Wall-mounted (Standard)
☐ Nema 12 ☐ Back to back
☐ Nema 4 ☐ Floor stand
☐ Nema 4x ☐ In-Wall/Hoistway (MRL)
☐ 304 ☐ 316
 Other: _____

Enclosure extras :

- ☐ Fan ☐ 1 ☐ 2
☐ A/C cooling unit
☐ Enclosure lightning
☐ 120VAC outlet ☐ GFI
☐ Document holder
☐ Acoustic isolation

Accessories :

- ☐ Machine room inspection device
☐ Juntion box (25 terminals)
 Nema: ☐ 1 ☐ 12 ☐ 4 ☐ 4X
☐ Emergency stop button on the box
☐ Programming backup

OPERATING FEATURES

☐ Retractable Toe Guard Specify the model and the switches (NO/NC): _____	
☐ Top of car inspection Model: _____	☐ Supplied by JRT
☐ Retractable guard on top of car Specify function and quantity of switches: _____	
☐ Out of service keyswitch:	return landing At _____ Of _____
☐ In car RUN / STOP switch	
☐ Car access switch	
☐ Hold keyswitch	
☐ Car access panel (2.26.2.31)	
☐ Remote trip/reset governor switch	☐ 24VDC ☐ 240VAC ☐ 120VAC
☐ Hoistway access opening locking device (2.26.2.32)	
☐ Fan in car : ☐ 1 speed ☐ 2 speeds ☐ 3 speeds	
☐ Pit access door contact (2.26.2.26)	
☐ Reduced-stroke oil buffer	
☐ Hydraulic buffer switch	
☐ Hoistway access switch:	At _____ Of _____ At _____ Of _____
☐ Top travelling inspection switch	
☐ Safety counterweight switch	
☐ Compensating rope sheave switch (2.26.2.3)	
☐ Jawless governor	

☐ Emergency power	
Volts: _____ ☐ 1 phase ☐ 3 phases	Generator contact: ☐ Open ☐ Closed
Operation on emergency power:	
☐ Normal running	
☐ Sequential lowering :	
Qt of selector's positions: _____	Lowering operation sequence : _____
Return landing: At _____ Of _____	Running order : _____

☐ Fire service phase 1:	
Main return landing: At _____ Of _____	Alternate landing: At _____ Of _____
Door which will be opened: ☐ Front ☐ Rear	Door which will be opened: ☐ Front ☐ Rear
3 position main switch	Alternate switch location At _____ Of _____
☐ Leaking fire signal (FH): At _____ Of _____	
☐ Machine room fire signal (FMR)	

☐ Fire service phase 2:	
Sélector:	☐ 2 positions ☐ 3 positions ☐ Call cancel button

☐ Load weighing device*	Roping: ☐ 1:1 ☐ 2:1	☐ *If provided by JRT:
☐ Main landing dispatch		Car capacity (lb) _____
☐ Hall calls bypass		Car weight(lb) _____
☐ Overload		Cables diameter: _____
☐ Longer door delay at main landing (group)		Cables quantity: _____
☐ Analogic output for pre-load torque		

Services	Sécurité
☐ Code blue/Hospital emergency At _____ Of _____	☐ Key ☐ Car
☐ Medical emergency switch in car	☐ Landing At _____ Of _____
☐ Free car At _____ Of _____	☐ Card reader:
☐ Other _____ At _____ Of _____	☐ Car ☐ Landing At _____ Of _____
☐ Independant service	Signals location: ☐ Car ☐ Machine Room
☐ Attendant service	☐ Activation/Bypass key
☐ Patient wandering system	☐ Car ☐ Landing At _____ Of _____
☐ Sabbath Elevator	Specify operation: _____
☐ Earthquake service	☐ Pit water detection
☐ Seismic switch	Specify operation: _____
☐ Counterweight derailment switch	_____

FIXTURES

All fixtures are standards at 24vdc. Extra costs will incur if different from standard.

Canbus Communication

☐ In car ☐ None

Fixtures by _____

☐ Prewiring by JRT

Send the Canbus boards for Prewiring to:

- ☐ MAD
☐ Dupar
☐ Other _____
☐ Send the Canbus board with the controller

Nb of COP per car: _____

Position Indicator

☐ Car

Supply voltage: _____
☐ AC ☐ DC

Signal voltage: _____
☐ AC ☐ DC

☐ positive common (Std)

☐ Negative common

- ☐ 1 wire/floor
☐ Binary
☐ Microcomm
☐ Canbus (Std)

Model: _____

Other: _____

Position Indicator

☐ Landing: _____

Supply voltage: _____
☐ AC ☐ DC

Signal voltage: _____
☐ AC ☐ DC

☐ Positive common (Std)

☐ Negative common

- ☐ 1 wire/floor
☐ Binary
☐ Microcomm
☐ Canbus (Std)

Model: _____

Other: _____

Voice annunciator

Brand: _____
 Model: _____

- ☐ Landings only **Landing signals:** ☐ Binary ☐ 1 wire/floor ☐ Microcomm
☐ Additionnal messages **Signals :** ☐ Binary ☐ 1 wire/message ☐ CanBus

JRT messages

- ☐ 1. Fire main
☐ 2. Fire alternate
☐ 3. Nudging
☐ 4. Independant service
☐ 5 Overload
☐ 6. Emergency power

CE Std

(F480)
 (F481)
 (F482)
 (F483)
 (F484)
 (F485)

JRT messages

- ☐ 7. Inspection
☐ 8. Seismic
☐ 9. _____
☐ 10. _____
☐ 11. _____
☐ 12. _____

CE Std

(F486)
 (F487)

Gongs and buzzers:

* = default signal

AC

DC

LED:

AC

DC

- | | | | | | | | |
|--|--------------|--------------------------|--------------------------|---|--|--------------------------|--------------------------|
| ☐ Floor passing tone* | Volts: _____ | ☐ | ☐ | ☐ Car calls | Volts: _____ | ☐ | ☐ |
| ☐ On position indicator | | | | ☐ Hall calls | Volts: _____ | ☐ | ☐ |
| ☐ Door open chime | Volts: _____ | ☐ | ☐ | ☐ Serial link | | | |
| ☐ (manual door) | | | | ☐ Lanterns | Volts: _____ | ☐ | ☐ |
| ☐ Car lantern w/ chimes. | Volts: _____ | ☐ | ☐ | ☐ Fire | Volts: _____ | ☐ | ☐ |
| ☐ Microcomm | | | | ☐ In use | Volts: _____ | ☐ | ☐ |
| ☐ Front ☐ Rear | Volts: _____ | ☐ | ☐ | ☐ Car overloaded | Volts: _____ | ☐ | ☐ |
| ☐ Hall lantern w/ chimes. | | | | ☐ Medical emergency | Volts: _____ | ☐ | ☐ |
| ☐ Microcomm | | | | ☐ Emergency power | Volts: _____ | ☐ | ☐ |
| ☐ Front ☐ Rear | | | | ☐ Car fault | Volts: _____ | ☐ | ☐ |
| ☐ à landings: _____ | Volts: _____ | ☐ | ☐ | ☐ Seismic | Volts: _____ | ☐ | ☐ |
| ☐ Fire* | Volts: _____ | ☐ | ☐ | ☐ Other: _____ | Volts: _____ | ☐ | ☐ |
| ☐ Car call acceptance* | Volts: _____ | ☐ | ☐ | ☐ Other: _____ | Volts: _____ | ☐ | ☐ |
| ☐ Nudging* | Volts: _____ | ☐ | ☐ | ☐ Car normal lightning | ☐ 120VAC (Std) | | |
| ☐ Car overloaded | Volts: _____ | ☐ | ☐ | | ☐ 12VDC (extra) | | |

AC TRACTION - GEARED VVVF

Machine

☐ New machine ☐ Existing machine

Model: _____

Roping: ☐ 1:1 ☐ 2:1

Brake

☐ New brake ☐ Existing brake

☐ Disk brake ☐ Drum brake

☐ Automatic slow speed recovery w/battery

Starting voltage: _____ ☐ DC

Holding voltage: _____ ☐ AC ☐ 1 phase

Amps: _____ ☐ 3 phases

Ohms: _____

Coils quantity: _____

Brake contact

☐ N/C (standard)

☐ N/O

Emergency brake

☐ Hollister-Whitney rope-gripper

☐ Drakka rope-gripper

☐ Sheave brake

☐ Other: _____

Induction motor

☐ New motor ☐ Existing motor

Brand: _____

☐ Supplied by JRT

☐ Foot-mounted motor ☐ Flange-mounted

1st Motor

Volts: _____

Volts (peak): _____

HP: _____

Amps: _____

Amps (peak): _____

RPM: _____

FREQ(Hz): _____

☐ Motor overheat dry contact

☐ Thermistor (thermal sensor)

☐ Open loop

☐ Close loop

Motor encoder supplied by:

☐ JRT

☐ CUSTOMER

Motor encoder by customer*, model: _____

*Encoder specs must be sent to JRT

Motor encoder cable supplied by:

☐ JRT

☐ CUSTOMER

Motor encoder cable length: _____

☐ Emergency brake release w/ battery

☐ Regeneration module ☐ RFI/EMI filter

☐ Gouvernor, Model : _____

☐ Remote Test / Reset Gouvernor

Volts: _____

2nd Motor (optional)

Volts: _____

Volts (peak): _____

HP: _____

Amps: _____

Amps (peak): _____

RPM: _____

FREQ(Hz): _____

☐ Fan-forced motor

Volts: _____ ☐ AC ☐ DC

Amps: _____

AC TRACTION - GEARLESS VVVF

Machine

☐ New machine ☐ Existing machine

Model: _____

Roping: ☐ 1:1 ☐ 2:1

Installation: ☐ Hoistway (MRL) ☐ Machine room

Brake

☐ New brake ☐ Existing brake

☐ Disk brake ☐ Drum brake

☐ Emergency brake release w/ mechanical arm

☐ Emergency brake release w/ generator

☐ Emergency brake release w/ battery

☐ Automatic slow speed recovery w/battery

Starting voltage: _____ ☐ DC

Holding voltage: _____ ☐ AC ☐ 1 phase

Amps: _____ ☐ 3 phases

Ohms: _____

Coils quantity: _____

Brake contact

☐ N/C (standard)

☐ N/O

Emergency brake

☐ Hollister-Whitney rope-gripper

☐ Drakka rope-gripper

☐ Sheave brake

☐ Other: _____

Permanent magnet motor (PM)

☐ New motor ☐ Existing motor

Volts: _____

Volts (peak): _____

HP: _____

Amps: _____

Amps (peak): _____

RPM: _____

Max accel. _____ m/s²

FREQ(Hz): _____

☐ Closed-loop

Motor encoder by customer*, model: _____

*Encoder specs must be sent to JRT

Motor encoder cable supplied by:

☐ JRT

☐ CUSTOMER

Motor encoder cable length: _____

☐ Regeneration module

☐ RFI/EMI filter

☐ Gouvernor, Model : _____

☐ Remote Test / Reset Gouvernor

Volts: _____

DC TRACTION - GEARED / GEARLESS SCR DRIVE

Machine

☐ New machine ☐ Existing machine

Model: _____

Roping: ☐ 1:1 ☐ 2:1

Brake

☐ New brake ☐ Existing brake

☐ Disk brake ☐ Drum brake

Starting voltage: _____ ☐ DC

Holding voltage _____ ☐ AC ☐ 1 phase

Amps: _____ ☐ 3 phases

Ohms: _____

Coils quantity: _____

Brake contact

☐ N/C (standard)

☐ N/O

Emergency brake

☐ Hollister-Whitney rope-gripper

☐ Drakka rope-gripper

☐ Sheave brake

☐ Other: _____

DC motor

☐ New motor ☐ Existing motor

Brand: _____

Volts _____

HP _____

Amps _____

RPM _____

Fields

Holding volts _____

Running volts _____

Forcing volts _____

Omhs _____

Amps _____

Connection

☐ Serial ☐ 2 wires

☐ Parallel ☐ 4 wires

☐ Serial/Parallel

☐ Open loop

☐ Closed loop

Motor encoder supplied by: ☐ JRT ☐ CUSTOMER

Motor encoder by customer*, model: _____

*Encoder specs must be sent to JRT

Motor encoder cable supplied by: ☐ JRT ☐ CUSTOMER

Motor encoder cable lenght: _____

☐ RFI/EMI Filter

☐ Gouvernor, Model : _____

☐ Remote Test / Reset Gouvernor Volts: _____

Version 3.16

ELEVATOR MONITORING

- ☐ Standard computer (workstation)
- ☐ Machine room
- ☐ Security desk

Serial cable length: _____

Communication

☐ Ethernet (TCP/IP)*

☐ Modbus (TCP/IP)*

☐ Other: _____

*If Ethernet communication, please provide:

☐ Laptop

☐ Other, specify: _____

☐ Printer

IP address: _____

Netmask: _____

Gateway: _____

Primary DNS: _____

Secondary DNS: _____

NOTES AND COMMENTS

EXPLANATORY DIAGRAMS AND SKETCHES