

GENERAL DATA

Notice: Control voltage is 24V DC - Power supply is 380/415 VAC

Company name:	FAO:	
Project name:	Project number:	
Project address:	Required delivery date (dd/mm/yy): / /	
Delivery address*:		

*Please ensure that an authorised person will be at the delivery address in order to receive the controller.

Mains power available:

3φ x 415v + Neutral wire (4 wire system)
 3φ x 415v only, no neutral wire (3 wire system)
 Other: _____

Controller type:

Simplex Duplex Triplex
 VVVF Closed loop VVVF Open loop Gearless Hydraulic Two-speed Single-speed MRL

General information:

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Number of landings:</td><td></td></tr> <tr><td>Location of main floor(s):</td><td></td></tr> <tr><td><input type="checkbox"/> Passenger lift, Number of passengers:</td><td></td></tr> <tr><td><input type="checkbox"/> Goods lift, Max. cargo weight:</td><td></td></tr> <tr><td>Number of starts per hour:</td><td></td></tr> <tr><td>Rated speed:</td><td style="text-align: right;">[m/s]</td></tr> <tr><td>Rated speed in inspection:</td><td style="text-align: right;">[m/s]</td></tr> </table> <p>Floor designation: Bottom</p> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td><td style="width: 10%;"></td><td style="width: 10%;"></td><td style="width: 10%;"></td><td style="width: 10%;"></td><td style="width: 10%;"></td><td style="width: 10%;"></td><td style="width: 10%;"></td><td style="width: 10%;"></td><td style="width: 10%;"></td><td style="width: 10%;"></td> </tr> </table> <p>Travel regime:</p> <p> <input type="checkbox"/> Full collect <input type="checkbox"/> Down collect <input type="checkbox"/> One button per floor <input type="checkbox"/> Other, please specify: _____ </p> <p> <input type="checkbox"/> Safety chain voltage: <input type="checkbox"/> 48V <input type="checkbox"/> 72V <input type="checkbox"/> 90V <input type="checkbox"/> 110V Roping: <input type="checkbox"/> 1:1 <input type="checkbox"/> 2:1 </p>	Number of landings:		Location of main floor(s):		<input type="checkbox"/> Passenger lift, Number of passengers:		<input type="checkbox"/> Goods lift, Max. cargo weight:		Number of starts per hour:		Rated speed:	[m/s]	Rated speed in inspection:	[m/s]												<div style="text-align: center;"> <p>Floor Roof</p> <p style="text-align: right;">12 _____ [m] 11 _____ [m] 10 _____ [m] 9 _____ [m] 8 _____ [m] 7 _____ [m] 6 _____ [m] 5 _____ [m] 4 _____ [m] 3 _____ [m] 2 _____ [m] 1 _____ [m] Pit</p> </div> <p><input type="checkbox"/> Short floors: _____</p>
Number of landings:																										
Location of main floor(s):																										
<input type="checkbox"/> Passenger lift, Number of passengers:																										
<input type="checkbox"/> Goods lift, Max. cargo weight:																										
Number of starts per hour:																										
Rated speed:	[m/s]																									
Rated speed in inspection:	[m/s]																									

Comments:

When completed please fax to: 01937 572 299

For assistance filling out this form please contact us at:
Phone: 08706 093 570 **FAX:** 01937 572 299 **E-mail:** info@talinor.co.uk

MACHINE ROOM DATA

Traction machines:

Machine: Re-use existing New

Type of motor:

Squirrel cage induction Slip-ring Other: _____

Single-phase Tri phase

Motor power: _____ [KW] Voltage: _____ [V]

Rated Current: _____ [A] Cos (φ) _____ RPM: _____

Motor cooling fan, voltage: _____ [VAC]

DC Brake voltage: _____ [VDC] Current: _____ [A]

AC Brake voltage: _____ [VAC] Current: _____ [A]

Motor temperature sensor (thermistor) cold resistance: _____ [Ω]

Location of machine: Overhead Basement

Geared AC, Gear ratio: _____

Gearless Upward arrest device

Sheave diameter: _____ [mm]

Lift data:

Number of diverters: _____

Cabin weight: _____ [Kg]

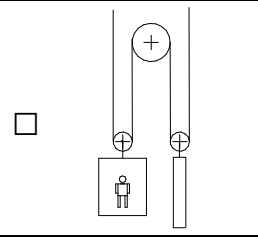
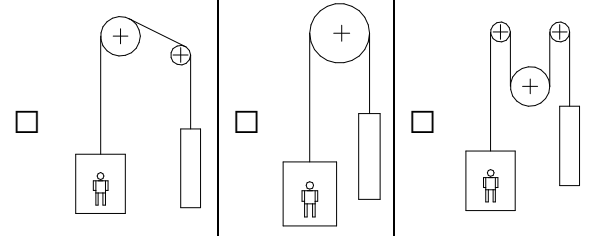
Counterweight weight: _____ [Kg]

Rope weight: _____ [Kg]

Out of balance load: _____ [Kg]



Configuration:



Other:

Motor power cable

Re-use existing (Hydro Lifts Only)

To be supplied with control panel, length: _____ [m] (Recommended for VVVF lifts)*



*We supply a low capacity double-screened cable specially designed for VVVF applications.

Motor encoder

Re-use existing: Manufacturer: _____ Model: _____

New: Manufacturer: _____ Model: _____

To be supplied with control panel



Encoder cable

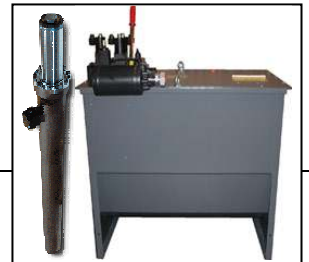
Re-use existing To be supplied with control panel, length: _____ [m]

Hydraulic machines:

Pump motor: New Re-use existing

Manufacturer: _____ Model: _____

Motor power: _____ [KW] Voltage: _____ [V] Current: _____ [A]



Valve block manufacturer: _____ Model: _____ Number of valves: _____

AC Valves DC Valves, Voltage: _____ [V] Current: _____ [A]

Oil heater, voltage: _____ [V] Current: _____ [A] Single phase Tri phase

Oil cooler, voltage: _____ [V] Current: _____ [A] Single phase Tri phase

Oil temperature sensor input (please ensure that the oil temperature sensor has an on/off volt free contact)

Oil high pressure sensor input (please ensure that the high pressure sensor has an on/off volt free contact)

Oil low pressure sensor input (please ensure that the low pressure sensor has an on/off volt free contact)

Dry pump Submersible pump Over Speed Governor solonoid (uncontrolled movement): _____ V

MACHINE ROOM DATA – CONTROL PANEL

Control panel:

- AC Contactors (hoist and door motors) DC Contactors (hoist and door motors)
- Inspection in control panel
- Phase reversal unit
- Lift out of service contact
- Filter EMI/RFI
- Braking resistor
- Handwinding indicator with 12V alarm backup
- Thermistor interface unit for motor windings: Re-use existing To be supplied with control panel
- Over-speed governor release push, coil voltage: _____ [VAC]
- Programming tool
- Special features: _____



Gong system:

- Car arrival landing gong system (gong sounds on car arrival in response to hall calls only), speakers on each landing
- In car arrival gong (gong sounds on car arrival in response to car calls only), speaker in the car
- Passing chime (gong sounds on each floor passing, speaker in the car)



Hydraulic lifts:

- Soft starter Y – Delta motor starting
- Direct start, across the line
- Safety circuit for relevelling with doors open
- Emergency lowering system (in-car button activated by passenger during power failure)
Emergency valve voltage: _____ [V] Current: _____ [A]
- Electronic valve interface circuit: _____ Model: _____

Cabinet

- Plastic document retainer on cabinet door

Preferred dimensions (mm):

600W x 800H x 250D

600W x 1000H x 250D

800W x 800H x 250D

600W x 1000H x 300D

800W x 800H x 300D

400W x 2000H x 250D300/D (MRL)

Enclosure dimensions limited

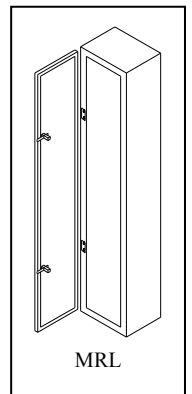
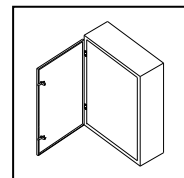
By: Height Width

Lockable cabinet

Cabinet hinged on right side (default)

Cabinet hinged on left side

Floor mounted cabinet



Documentation

- Complete manual
- Back-up CD (contains all documents, drawings and control board software)

HOIST WAY DATA

Landing Doors:

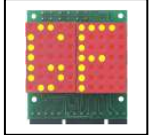
- Automatic landing doors
- Manual landing doors - swing (Hinged)
- Manual landing doors - shutter gate



Landing Indicators:

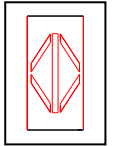
Landing position indicators:

- Re-use existing:
 - Digital Analogue, voltage: _____ [V] Current: _____ [A] signal: Positive/ Ground
- To be supplied with control panel (digital only)
- Position indicator on main landing only Position indicator on each landing



Hoist way Directional indicators:

- Direction arrows on main landing only Direction arrows on each landing
- Arrow to show next direction only upon car arrival (Lantern)
- Arrow to show constantly current direction and next direction of the car travel
- To be supplied with control panel (digital only)
- Re-use existing: Digital Analogue, voltage: _____ [V] Current: _____ [A]
- Activation signal: Positive Ground



Other indicators:

- 'CAR HERE' contact 'IN USE' contact 'LIFT COMING' contact Call/Send Buttons
- Lamp voltage: _____ [V] Current: _____ [A]

Other data:

- Hall- and car-call pushbuttons lamp voltage: _____ [V] Current: _____ [A]

- Fire recall landing (specify floor number): _____

- Front door to be open in fire recall
- Rear door to be open in fire recall
- Smoke detector on each floor

Firefighters lift
EN81-72



Accessories to be supplied with the control panel:

- Shaft wiring (loom)
- Shaft gear to be supplied with control panel (magnets, magnetic sensors and bracket)
- Car top control unit to be supplied with the control panel (Complies with BS 7255)



Over Speed Governor Remote Release/Test Switch

- Test switch for OSG coil, Coil Voltage _____ V AC DC

Duplex

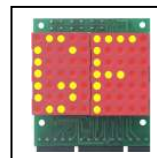
- One row of landing calls Two rows of landing calls
- Length of communication cable between controllers: _____ m

CAR DATA

Car position indicators:

- To be supplied with control panel (Digital only)
 Re-use existing (Digital Analogue – position lamps)

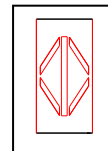
Voltage: _____ [V] Current: _____ [A] Activation signal: Positive Ground



Car direction indicators:

- To be supplied with control panel
 Re-use existing (Digital Analogue)

Voltage: _____ [V] Current: _____ [A] Activation signal: Positive Ground



- Speech Unit:** Re-use existing (please provide datasheet)
 New, other supplier (please provide datasheet)
 To be supplied with control panel:

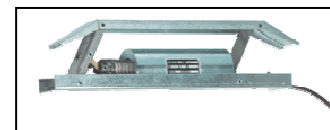
- Standard sequential messages (Ground to 12th floor)
 Standard auxiliary messages: Doors opening Doors closing Car travelling up
 Car travelling down Car overloaded

- Non-standard messages: 1) _____ 2) _____ 3) _____
4) _____ 5) _____ 6) _____
(Full list of messages available upon request.)



Unlocking cam:

- AC retiring cam, voltage: _____ [V] Current: _____ [A] Number of cams: _____
 DC retiring cam, voltage: _____ [V] Current: _____ [A] Number of cams: _____
 Horizontal moving cam (works off of door gear)
 Vertical moving fixed cam (works off of cabin body)



Car lighting circuit:

- permanent lighting
 light control circuit (light-out time is adjustable via programming tool), to be supplied with control panel

Car ventilation, voltage: _____ [V] Power: _____ [W] Single phase Tri phase

Load weighing device:

- Re-use existing, available contacts: full-load overload

- | | |
|--|---|
| <input type="checkbox"/> Sabbath operation (automatic predetermined travel cycle facility (please ask))
<input type="checkbox"/> Hospital service
<input type="checkbox"/> Independent service
<input type="checkbox"/> Special service: _____
<input type="checkbox"/> Car preference | <input type="checkbox"/> Overload buzzer contact
<input type="checkbox"/> Passing chime
<input type="checkbox"/> In car stop button |
|--|---|

CAR DATA (continued)

Car Doors:

Front door



- Single phase motor Tri phase motor
 Motor: _____[V] _____[KW]
- VVVF door operator 1 x 240 VAC
 Automatic door with two limit switches
 Autonomic door with open command only
 Autonomic door with close command only
 The door operator requires a constant closure signal during lift travel or during parking with closed doors
 The door operator requires a constant open signal to hold the door open during parking with open doors
 Manufacturer of door operator: _____
 Model of door operator: _____
 Manual door (shutter gate)
 Door clearance: _____[mm]
 No car door
 Door brake AC DC
 Voltage: _____[V] Current: _____[A]
 Normal two door operation
 Selective two door operation
 Door open button Door close button
 Single beam photocell

Rear door



- Single phase motor Tri phase motor
 Motor: _____[V] _____[KW]
- VVVF door operator 1 x 240 VAC
 Automatic door with two limit switches
 Autonomic door with open command only
 Autonomic door with close command only
 The door operator requires a constant closure signal during lift travel or during parking with closed doors
 The door operator requires a constant open signal to hold the door open during parking with open doors
 Manufacturer of door operator: _____
 Model of door operator: _____
 Manual door (shutter gate)
 Door clearance: _____[mm]
 No car door
 Door brake AC DC
 Voltage: _____[V] Current: _____[A]
 Normal two door operation
 Selective two door operation
 Door open button Door close button
 Single beam photocell

- Safety edges (IR)
 Re-use existing To be supplied with control panel

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 Re-use existing To be supplied with control panel

- Nudging (depends on door operator)
 Pre-opening
 Gate open warning buzzer

- Nudging (depends on door operator)
 Pre-opening
 Gate open warning buzzer

	Front Door	Rear Door
12		
11		
10		
9		
8		
7		
6		
5		
4		
3		
2		
1		

Peripherals available with the controller

- Safety edges
- Car-Top Control Unit
- Load weighing device (suspension cable mounted)
- Keypad access control
- Car to machine room communication intercom
- VVVF Door operator upgrade kit (for 3-Phase door operators)
- Modem for remote monitoring and fault finding

