



# Elevator Control For Doors.NET Applications

DATA SHEET

## Powerful Tools To Customize Doors.NET

- Extremely cost effective solution for elevator control
- Assign cardholders access rights to individual or groups of floors just like assigning door access
- Uses NXT Input/Output Expansion Boards and/or GIOX I/O Platform
- Requires Mercury Powered NXT or Authentic Mercury hardware

**Elevator Control** is an optional Doors.NET Software module that provides a cost effective solution for cardholders to be given access rights to individual floors or floor groups in a building, much like they are authorized for access for individual doors. When used with Mercury Powered NXT Controllers, use of NXT-4X4 Input/Output boards provides access for up to 20 floors in a single column, and when used with GIOX Greater I/O Platform, for up to 128 floors. Authentic Mercury hardware may also be used for elevator control.

Floor groups are created using the available outputs to each represent a single floor. The floor groups are then assigned as part of the normal access group which makes for easy cardholder assignment. One reader is situated in the elevator cab and is responsible for all access requests to all floors.

In addition, floors can have an override schedule for tenants that require public access during business hours. This feature also support two different modes which are "No Floor Select" and "With Floor Select". No Floor Select means all outputs will activate for all floors to which a cardholder has access when they present and authenticate their credential to the elevator cab reader. The cardholder can choose from any of the authorized floors but the floor selection is not logged. With Floor Select does not activate any of the outputs until an input is pressed following a valid card read. The cardholder must know which floors they are allowed and choose from one of those by pressing the floor button. Only one selection is allowed and the cardholder transaction is logged as going to that particular floor. This option requires using the inputs on the I/O expansion boards as well as the outputs.

Number of Monitor Point Groups	0
Number of Control Points	340
<b>General</b>	
Description	MSC 2
Enabled	Yes
Controller Function	Elevator Control
Controller Type	KERI NXT-4X4 MSC
Connection Control	Automatic
Shared Controller	No
Use Master Settings	Yes
Use Controller Holidays	No
MAC Address	00-14-34-00-1F-26
<b>Elevator Control</b>	
Elevator Floors	0
Facility	

Filter:	
<b>General</b>	
Description	Elevator Shaft 1 - West Tower
Floor Count	56
<b>Coordinates</b>	
Longitude	E0° 0' 0.0000"
Latitude	N0° 0' 0.0000"
<b>Misc</b>	
FacilityID	ea598c36-4f22-4820-bfac-a0e30bbe174e
<b>Floors</b>	
Floor List	Floor Names ( 56 )
<b>Audit</b>	
Universal Serial Number	5

<b>Elevator Control</b>	
Elevator Floors	56
Facility	Elevator Shaft 1 - West Tower
Floor Map	Selected Floors...

<b>Elevator Control</b>	
Elevator Floors	56
Facility	Elevator Shaft 1 - West Tower
<b>Floor Map</b>	
[ 001 ] - Floor 1	Selected
[ 002 ] - Floor 2	Selected
[ 003 ] - Floor 3	Selected
[ 004 ] - Floor 4	Selected
[ 005 ] - Floor 5	Selected
[ 006 ] - Floor 6	Selected
[ 007 ] - Floor 7	Selected

*\*Note – Controllers used for elevator control are dedicated for this use and cannot serve as a normal access controller and may be used for a single lift/column.*

**Presented By:**



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