Mercury Powered NXT Controllers
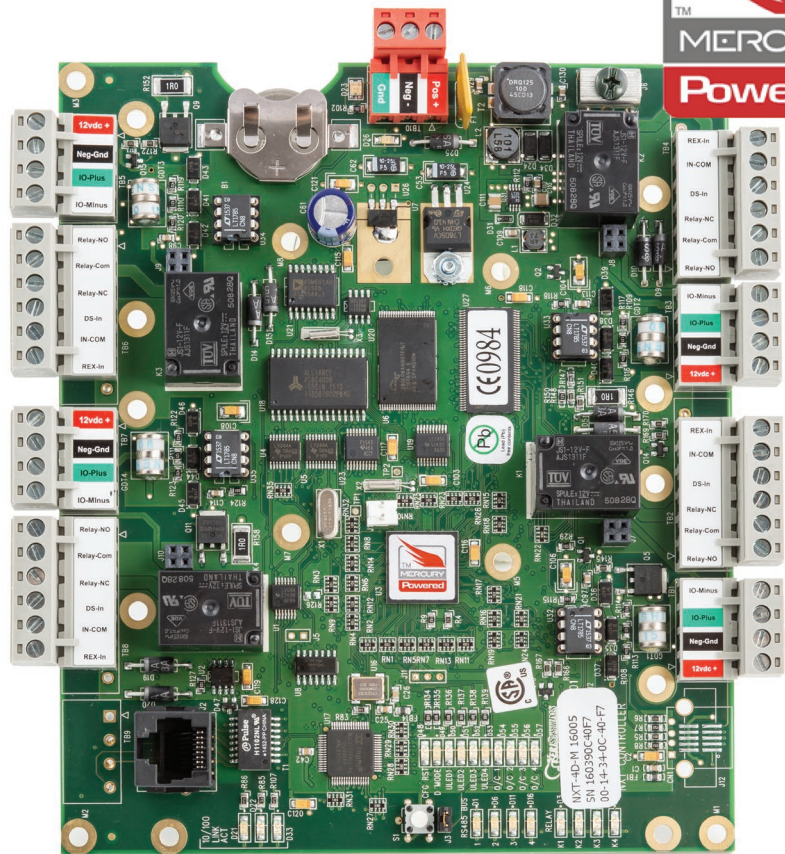
- Provides more functionality, and more features than standard NXT controllers

- Doubles controller capacity with NXT readers when in/out reading is required

- Advanced Local Linkage allows design of sophisticated I/O linkage macros

- Provides advanced Elevator Control with Floor Select reporting

- Allows for Area Control, Anti-Passback , and Occupancy

- Temporary cards by use count, supervisor cards, man-trap, and 2-man rule

- Support for Assa Abloy Aperio and Allegion AD Series Wireless Locks

- Credential Types "format builder" to handle any Wiegand format

Mercury Powered NXT Controllers

Keri Systems has partnered with Mercury Security to bring enhanced capabilities to its Doors.NET customers that use the NXT hardware platform of TCP/IP-based controllers. Standard firmware NXT Controllers provide all the functionality needed for a typical access control system and, along with some basic I/O linking capability, excellent manual system control, great reporting capability, integrated video and more. For applications that require more specialized or sophisticated features, NXT Controllers are available with Mercury firmware to provide a higher level of functionality than standard NXT controllers.

For a more complete list of extra features Mercury Powered NXT Controllers provide, see page 2 of this document.

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Feature Highlights Provided by Mercury Powered Firmware

Cardholders:

- Temporary Cards (automatic card expiration) by use count
- Supervisor Cards, 2 Man Rule, Man Trap
- Area Control for Local AntiPassback, Global APB (all types), and Occupancy Count
- Configurable up to 32 Access Groups per cardholder
- First Person In by Cardholder Group
- Supports AntiPassback-exempt and PIN-exempt per cardholder

Door:

- Credential Types Library and Wiegand Format Builder, can be specified for each reader (maximum of 8 Credential Types)
- Door Contact, REX and all other inputs can have sensitivity settings (Debounce and Hold times)
- LED and Beeper configurability (color, timing, duration)
- Suspend and Restore door parameters on auto lock or unlock
- Turnstile Mode to cancel access granted if turnstile is aborted
- Card or PIN, or PIN-only mode at reader, with adjustable PIN violation counter to lock out or deactivate card
- Check with Host before granting access function to allow operator to grant access
- Disable REX by schedule, both REX1 and REX2, each can be on separate schedule
- Support minimum strike time, not just a maximum
- Longer maximum door held open time, up to 36 hours
- Supports Pre-Alarm warning on Door Held Open, allows local linkage to beep reader before the held open alarm sounds
- Supports Duress and Duress Deny
- Supports Double Card Presentation to trigger a linkage macro

Inputs/Outputs:

- Advanced Local Linkage sophisticated I/O macros
- Elevator Control with Floor Select Reporting
- Advanced Situation Manager to define system behavior based on pre-defined conditions
- 6 state Supervision on inputs
- Entry and Exit Delay on inputs (latched or non latched), input mask reporting and logging
- Masking of inputs can be set to a schedule, reports masking of door contact and other inputs, can log input changes even when masked

Schedules/Holidays:

- 255 vs (64) Time Schedules and Holidays per list, supports Vacation Days and Special Event Days
- Holidays definable by controller

Controller:

- Allows In/Out readers on the same reader port when using NXT readers, doubling controller capacity
- Support for Assa Abloy Aperio and Allegion AD Series wireless

ORDERING INFORMATION & RELATED PRODUCTS

Model #	Description
NXT-2D-MSC	2 Door/4 Reader NXT Controller with Mercury firmware
NXT-2D-MSC-NE	2 Door/4 Reader NXT Controller with Mercury firmware without Enclosure
ENC-KE1	Single Controller Enclosure
NXT-4D-MSC	4 Door/8 Reader NXT Controller with Mercury firmware
NXT-4D-NE	4 Door/8 Reader NXT Controller with Mercury firmware without Enclosure
ENC-KE1	Single Controller Enclosure
KE-8	4 Panel Enclosure
DCR-8	Enclosure Rack Mounting Kit
USB-A	USB Adapter Kit for NXT Controller AutoUSB Networking

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