

SmartCNX™ Firmware Release: h6.03

OPERATORS: SwingSmartCNX™ and SlideSmartCNX™

DATE: 10/23/2020

SUBJECT: New h6.03 Firmware Release (Filename: h6.03.cnx)

SUBJECT DESCRIPTION:

New SmartCNX firmware h6.03 has been released for SwingSmartCNX and SlideSmartCNX. This is for both the Smart CNX Controller (P/N MX4345) and Drive Module (P/N MX4285).

IMPACT:

New features, enhancements, and fixes.

New Features:

- Added automatic debug data storage in internal memory for last ten (10) critical events including, Alert 14, Fault 1, and IES trips. Also adds the ability to later download these events to a USB Flash Drive.
- To increase OLED Display life and save power, the firmware shuts off the display 60 minutes after the last button press (10 minutes when no AC power is connected). The display will turn on with any button press or if a USB Flash Drive is installed.
- For the SwingSmartCNX™, the speed defaults to 1 when the battery is disconnected to improve performance and alert end user that the operator may need service.
- When photo eye alignment mode is turned on, the display will show which sensor inputs are configured for photo eyes and whether they are aligned or not (0 is not aligned and 1 is aligned).

Changes/Enhancements:

- Improved Solar Charging algorithm (MPPT better optimized).
- Changed Event Log to save as a *.CSV file for easier viewing and filtering.
- For Rev C SmartCNX controller, the sensor check is no longer required or performed after reaching the open limit. As a result, inputs 1-3 COM terminal can be used for external entrapment sensors with Rev C Controllers.
- Cycle count can be viewed on the display after the clock time when the stop button is pressed and held.

Fixed Issues:

- Fixed false Alert 14 and Fault 1 issues seen in field.
- Numerous BlueTooth and APP connection improvements for iOS on factory updated boards.
- Fixed Fault 2 trips when no AC is present (Rev A or Rev B SmartCNX controller).
- Fixed issue discovered in h6.02 firmware release, where BlueBus photo eye(s) may not function correctly after a manual reset of the SmartCNX controller.

Download File h6.03.cnx:

<https://support.hysecurity.com/hc/en-us/articles/360047540893>

Firmware Update Instructions:

<https://support.hysecurity.com/hc/en-us/articles/360043205773-Video-How-To-Upgrade-the-Software-on-t>

Contact Information:

Visit <https://support.hysecurity.com/hc/en-us> for installation manuals, replacement part instructions, part diagrams and more. Qualified Nice | HySecurity distributors are experienced and trained to assist in resolving installation problems. For the name of a qualified distributor near you, call Nice | HySecurity at 800-321-9947. *Before contacting your distributor or Nice | HySecurity Technical Support, obtain the serial number of your operator.