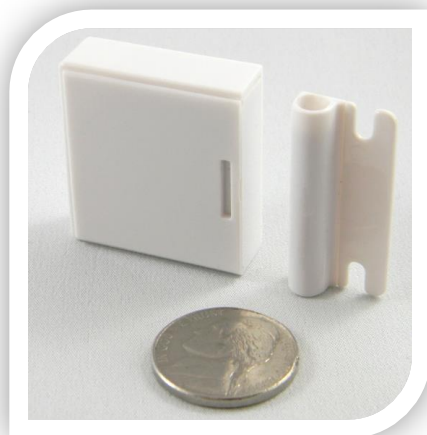

The Simple Stuff

Door/Window Sensors

- **Entry Level Up-sell Features**
- **Easy Installation**
- **A Little Programming**

Door/Window Sensor (NCZ-3011)



Price (NA): \$89 MSRP → \$53.40 dealer

Selling Points: Small Size, Easy Install
5 year Battery Life
Communicates directly with Controller

Functions: Reports - Open and Closed
Reports - Battery Low and Shutdown

Programming: Open, Closed, Battery Low, Trouble

Applications:

- Entry Doors, Windows, Bathroom Doors, Pantries, Laundry Rooms
- Garage Entry Doors, Fridges, Security/Infant Gates, ...

Common Mistakes:

- Misaligning the Magnet with the Case
- Forgetting to bind the NYCE Sensor to the Generic Sensor

Next Generation Enhancements:

- Reporting Temperature
- Tamper Switch function for Security applications
- Variable Network Reporting
- Outdoor Version

Door/Window Sensor - Pantry



○ Selling Points:

- ✓ “Hands-free” Lighting
- ✓ Invisible to User
- ✓ Energy Savings

○ Installation:

- NYCE Door/Window Sensor
- Control4 Light Switch
- Composer – Events to Actions
Timer and “Double-Tap”
- Sensor located in top corner of frame

Door/Window Sensor - Pantry



Composer 2.4.0

File Driver Go Tools Help

Programming

Device Events

- Brad Home Network
 - Home
 - Upper
 - Main
 - Back Deck
 - Dining
 - Foyer
 - Garage
 - Kitchen
 - Library
 - Living
 - Main Hall
 - Pantry
 - Room Variables
 - Pantry Door CS
 - Pantry DW
 - Pantry Light
 - Porch
 - Powder Room
 - Lower
 - Variables
 - Programming Control
 - 4Store
 - System Diagnostics
 - Email Notification
 - Lighting Scenes
 - Remote Access
 - Rhapsody
 - Scheduler
 - Timer
 - Update Manager

Script

Script

When the Pantry->Pantry Door CS opens

- Turn on the Pantry->Pantry Light
- Start Timer 'Pantry Light'
- Variables->Pantry Door Opened = Variables->Pantry Door Opened + 1

Pantry Door CS Events

- When the Pantry Door CS opens
- When the Pantry Door CS closes

Door Opens

- Lights on
- Start Timer

Composer 2.4.0

File Driver Go Tools Help

Programming

Device Events

- Brad Home Network
 - Home
 - Upper
 - Main
 - Back Deck
 - Dining
 - Foyer
 - Garage
 - Kitchen
 - Library
 - Living
 - Main Hall
 - Pantry
 - Room Variables
 - Pantry Door CS
 - Pantry DW
 - Pantry Light
 - Porch
 - Powder Room
 - Lower
 - Variables
 - Programming Control
 - 4Store
 - System Diagnostics
 - Email Notification
 - Lighting Scenes
 - Remote Access
 - Rhapsody
 - Scheduler
 - Timer
 - Update Manager

Script

Script

When the Pantry->Pantry Door CS closes

- Turn off the Pantry->Pantry Light
- Stop Timer 'Pantry Light'
- Variables->Pantry Door Closed = Variables->Pantry Door Closed + 1

Pantry Door CS Events

- When the Pantry Door CS opens
- When the Pantry Door CS closes

Door Closes

- Lights off
- Stop Timer

Door/Window Sensor - Pantry



Composer 2.4.0

File Driver Go Tools Help

Programming

Device Events

- Brad Home Network
 - Home
 - Upper
 - Main
 - Back Deck
 - Dining
 - Foyer
 - Garage
 - Kitchen
 - Library
 - Living
 - Main Hall
 - Pantry
 - Room Variables
 - Pantry Door CS
 - Pantry DW
 - Pantry Light
 - Porch
 - Powder Room
 - Lower

- Variables
- Programming Control
- 4Store
- System Diagnostics
- Email Notification
- Lighting Scenes
- Remote Access
- Rhapsody
- Scheduler
- Timer
- Update Manager

Pantry Light Events

- Top Button Pushed
- Top Button Released
- Bottom Button Pushed
- Bottom Button Released
- Level Changes
- Top Single Tap
- Top Double Tap
- Top Triple Tap
- Bottom Single Tap
- Bottom Double Tap
- Bottom Triple Tap

Script

When Pantry->Pantry Light top button is single tapped

Start Timer 'Pantry Light'

Switch Single Tap

- Start Timer

Composer 2.4.0

File Driver Go Tools Help

Programming

Device Events

- Brad Home Network
 - Home
 - Upper
 - Main
 - Back Deck
 - Dining
 - Foyer
 - Garage
 - Kitchen
 - Library
 - Living
 - Main Hall
 - Pantry
 - Room Variables
 - Pantry Door CS
 - Pantry DW
 - Pantry Light
 - Porch
 - Powder Room
 - Lower

- Variables
- Programming Control
- 4Store
- System Diagnostics
- Email Notification
- Lighting Scenes
- Remote Access
- Rhapsody
- Scheduler
- Timer
- Update Manager

Pantry Light Events

- Top Button Pushed
- Top Button Released
- Bottom Button Pushed
- Bottom Button Released
- Level Changes
- Top Single Tap
- Top Double Tap
- Top Triple Tap
- Bottom Single Tap
- Bottom Double Tap
- Bottom Triple Tap

Script

When Pantry->Pantry Light top button is double tapped

Stop Timer 'Pantry Light'

Switch Double Tap

- Stop Timer
- One-time Manual Override

Door/Window Sensor - Storage



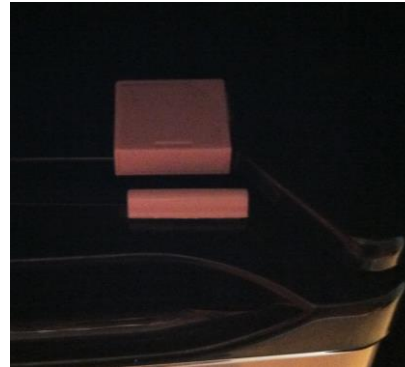
○ Selling Points:

- ✓ “Hands-free” Lighting
- ✓ Invisible to User
- ✓ Energy Savings

○ Installation:

- NYCE Door/Window Sensor
- Control4 Light Switch
- Composer – Events to Actions
Timer and “Double-Tap”
- Sensor located on top edge of bi-fold

Door/Window Sensor - Bar Fridge



- **Selling Points:**
 - ✓ Simple Alerting System using Control4 lighting products
 - ✓ Invisible to User
 - ✓ Energy Savings
- **Installation:**
 - NYCE Door/Window Sensor
 - Control4 Dimmer
 - Composer – Events to Actions
Timer and Loops
 - Sensor located on top edge of fridge door

Door/Window Sensor - Bar Fridge



Composer 2.4.0

File Driver Go Tools Help

Programming

Device Events

- Brad Home Network
 - Home
 - House
 - Upper
 - Main
 - Lower
 - Bar
 - Room Variables
 - Bar Fridge GC
 - Bar Fridge DW
 - Bar MS
 - Bar Lights
 - NCZ-3043
 - Laundry
 - Man Cave
 - Stairs
 - Storage
 - TV Room
- Variables
- Programming Control
- 4Store
- System Diagnostics
- Email Notification
- Lighting Scenes
- Remote Access
- Rhapsody
- Scheduler
- Timer
- Update Manager

Bar Fridge GC Events

- When the Bar Fridge GC opens
- When the Bar Fridge GC closes

Script

Script

When the Bar->Bar Fridge GC opens

- Start Timer 'Bar Fridge Timer'

Fridge Opens
• Start Timer

Composer 2.4.0

File Driver Go Tools Help

Programming

Device Events

- Brad Home Network
 - Home
 - House
 - Upper
 - Main
 - Lower
 - Bar
 - Room Variables
 - Bar Fridge GC
 - Bar Fridge DW
 - Bar MS
 - Bar Lights
 - NCZ-3043
 - Laundry
 - Man Cave
 - Stairs
 - Storage
 - TV Room
- Variables
- Programming Control
- 4Store
- System Diagnostics
- Email Notification
- Lighting Scenes
- Remote Access
- Rhapsody
- Scheduler
- Timer
- Update Manager

Bar Fridge GC Events

- When the Bar Fridge GC opens
- When the Bar Fridge GC closes

Script

Script

When the Bar->Bar Fridge GC closes

- Stop Timer 'Bar Fridge Timer'

Fridge Closes
• Stop Timer

Door/Window Sensor - Bar Fridge



The screenshot shows the Composer 2.4.0 interface. On the left, a tree view shows the project structure under 'Brad Home Network', including 'Home', 'House', 'Upper', 'Main', 'Lower', 'Bar', 'Room Variables', 'Bar Fridge GC', 'Bar Fridge DW', 'Bar MS', 'Bar Lights', 'NCZ-3043', 'Laundry', 'Man Cave', 'Stairs', 'Storage', and 'TV Room'. Below this are 'Variables', 'Programming Control', '4Store', 'System Diagnostics', 'Email Notification', 'Lighting Scenes', 'Remote Access', 'Rhapsody', 'Scheduler', 'Timer', and 'Update Manager'. The 'Timer' item is highlighted. The main area shows a 'Script' for the event 'When Timer 'Bar Fridge Timer' expires'. The script contains the following actions: 'While the Bar->Bar Fridge GC is open', 'Toggle the TV Room->TV Room Lights', 'delay 2 seconds', 'Toggle the Bar->Bar Lights', and 'delay 2 seconds'. At the bottom, the 'Timer Events' section shows 'Select Timer: Bar Fridge Timer' and three radio button options: 'When Timer 'Bar Fridge Timer' expires' (selected), 'When Timer 'Bar Fridge Timer' has been started', and 'When Timer 'Bar Fridge Timer' has been stopped'. The status is 'Stopped'.

- Using a loop on an event, like a timer or scheduler, allows actions to be performed based on the present state of one or more sensors.
- This is a KEY Composer programming step that can be used to provide monitoring and security functions.

Timer Expires

- Check Sensors
- Flash Lights