LED Color ▬ Color / Finish ▬ Engraving Code

QSWAS-1B-___-___-___
1 Button Wallstation

LED

Description

- Offers toggle functionality for any combination of zone(s) in the system.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- The LED in the button is used during programming and provides feedback when the button is pressed.
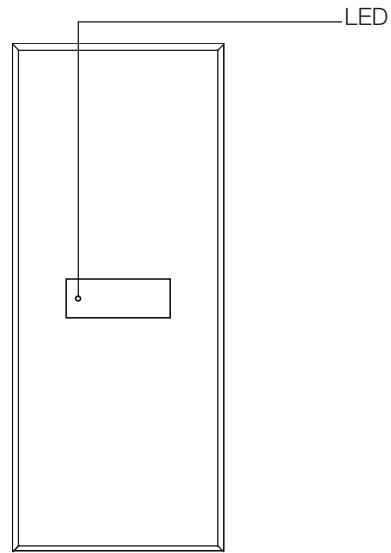
QSWAS-1B-G-WH
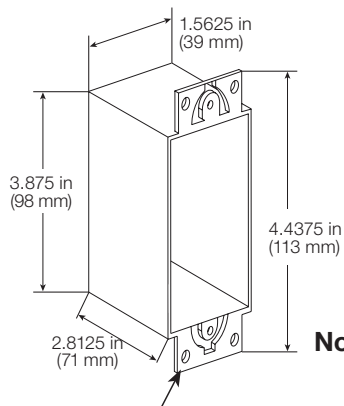
1.5625 in
(39 mm)

3.875 in
(98 mm)

4.4375 in
(113 mm)

2.8125 in
(71 mm)

Signature Series Wallbox
P/N WBOX-SA1-Q1
(Sold Separately)

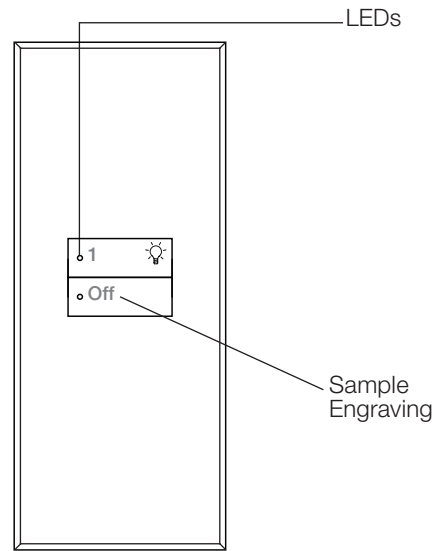**Note:** Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.
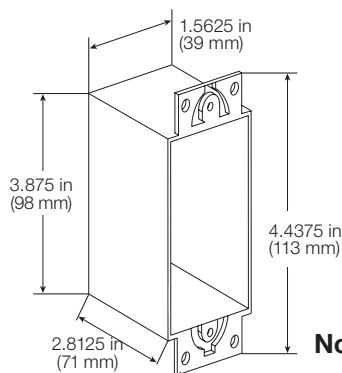
Job Name:	Model Numbers:
Job Number:	

369704d 2 02.22.24

LED Color ▬ Color / Finish ▬ Engraving Code

QSWAS-2B-___-___-___
2 Button Wallstation

Description

- Often used in entryways to select Scene 1 and Off.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- The LEDs in each button are used during programming and provide feedback when the buttons are pressed.

LEDs

1

Off

Sample Engraving

QSWAS-2B-G-WH-EGN

1.5625 in
(39 mm)

3.875 in
(98 mm)

4.4375 in
(113 mm)

2.8125 in
(71 mm)

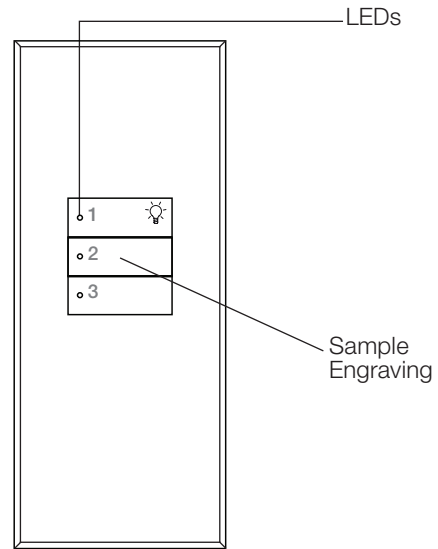*Signature Series Wallbox*
P/N WBOX-SA1-Q1
(Sold Separately)

Note: Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.
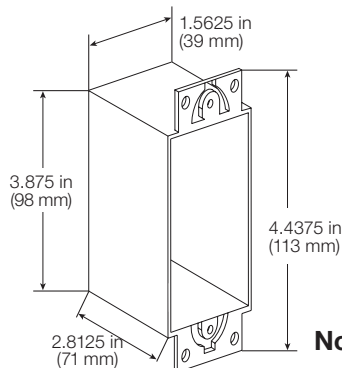
Job Name:	Model Numbers:
Job Number:	

LED Color — Color / Finish — Engraving Code

QSWAS-3B-___-___-___
3 Button Wallstation

Description

- Often used to select scenes.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- The LEDs in each button are used during programming and provide feedback when the buttons are pressed.

QSWAS-3B-G-WH-EGN

1.5625 in (39 mm)

3.875 in (98 mm)

4.4375 in (113 mm)

2.8125 in (71 mm)

Signature Series Wallbox
P/N WBOX-SA1-Q1
(Sold Separately)

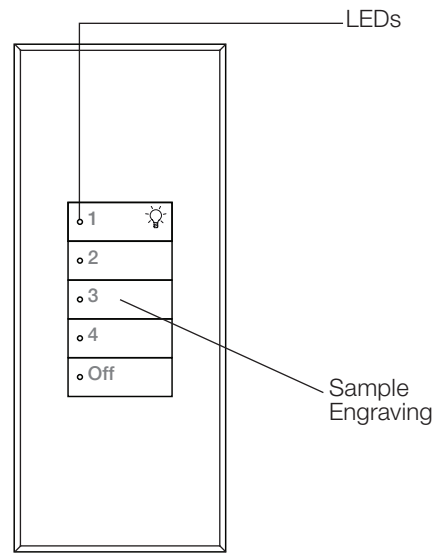**Note:** Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.

Job Name:	Model Numbers:
Job Number:	

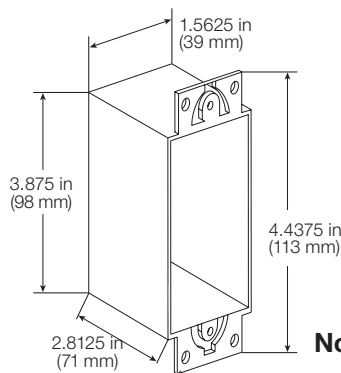LED Color **-** Color / Finish **-** Engraving Code

QSWAS-5B-___-___-___
5 Button Wallstation

Description

- Often used to select between 4 scenes and Off.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- The LEDs in each button are used during programming and provide feedback when the buttons are pressed.

LEDs

1   ☼
2
3
4
Off

Sample Engraving

QSWAS-5B-G-WH-EGN

1.5625 in
(39 mm)

3.875 in
(98 mm)

4.4375 in
(113 mm)

2.8125 in
(71 mm)

Signature Series Wallbox
P/N WBOX-SA1-Q1
(Sold Separately)

Note: Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.
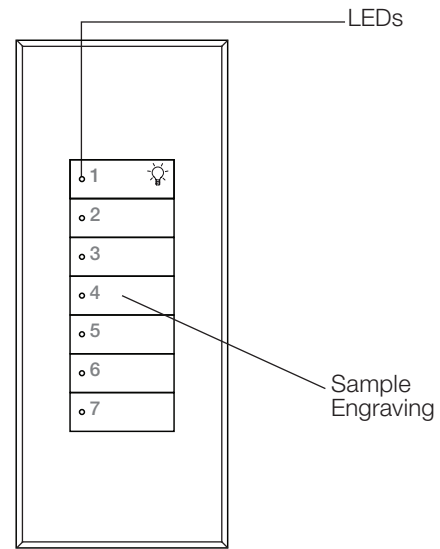
Job Name:	Model Numbers:
Job Number:	

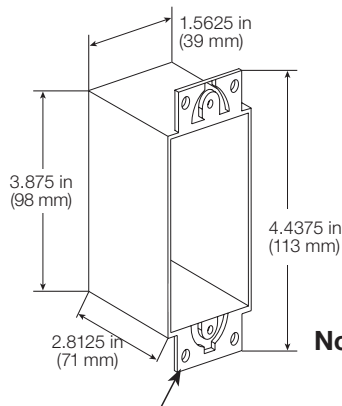LED Color ▬ Color / Finish ▬ Engraving Code

QSWAS-7B-___-___-___
7 Button Wallstation

Description

- Often used to select scenes.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- The LEDs in each button are used during programming and provide feedback when the buttons are pressed.

QSWAS-7B-G-WH-EGN

1.5625 in (39 mm)

3.875 in (98 mm)

4.4375 in (113 mm)

2.8125 in (71 mm)

Signature Series Wallbox
P/N WBOX-SA1-Q1
(Sold Separately)

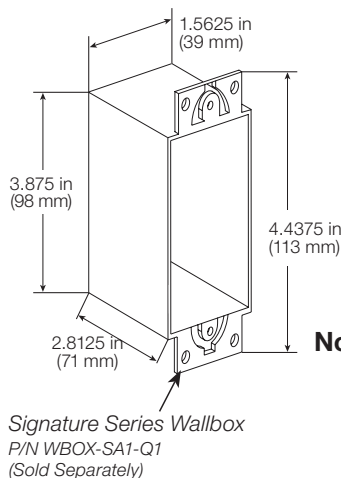**Note:** Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.

Job Name:	Model Numbers:
Job Number:	

LED Color **-** Color / Finish **-** Engraving Code

QSWAS-2BRL-___-___-___
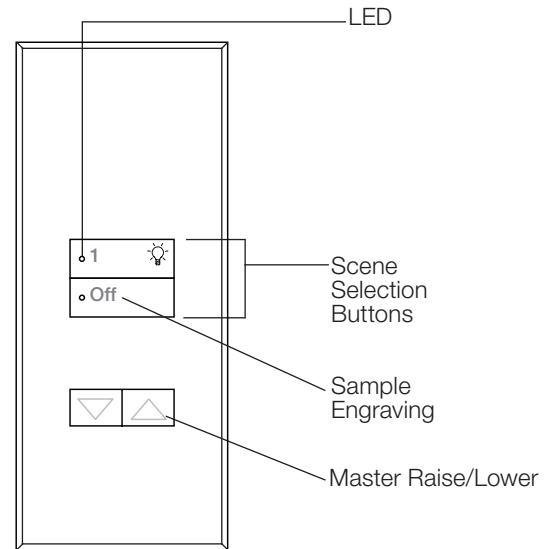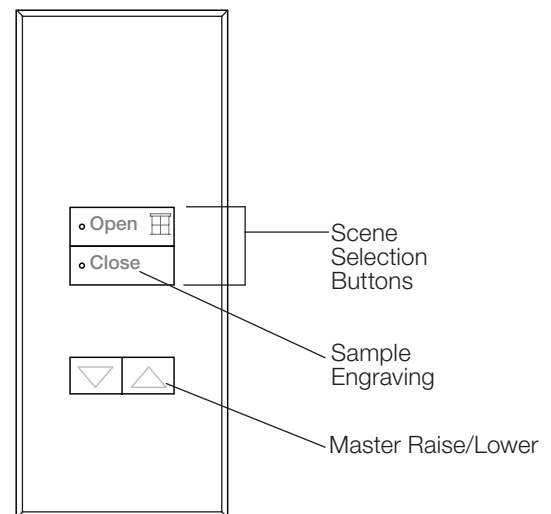## 2 Button Wallstation with Raise / Lower

Description

- Often used to select and adjust scenes.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- Master raise / lower brightens or dims all lighting or raises / lowers all assigned shades / draperies in the last selected scene or toggled group.
- The LEDs in each button are used during programming and provide feedback when the buttons are pressed.
- Shades / draperies control features (E01 engraving):
  - Can control Sivoia QS shades / draperies.
  - Pressing the Open (or Close) button once will cause the shades / draperies to move to the fully open (or closed) position.

QSWAS-2BRL-G-WH-EGN

QSWAS-2BRL-G-WH-E01

1.5625 in (39 mm)

3.875 in (98 mm)

4.4375 in (113 mm)

2.8125 in (71 mm)

Signature Series Wallbox
P/N WBOX-SA1-Q1
(Sold Separately)

Note: Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.

Job Name:	Model Numbers:
Job Number:	

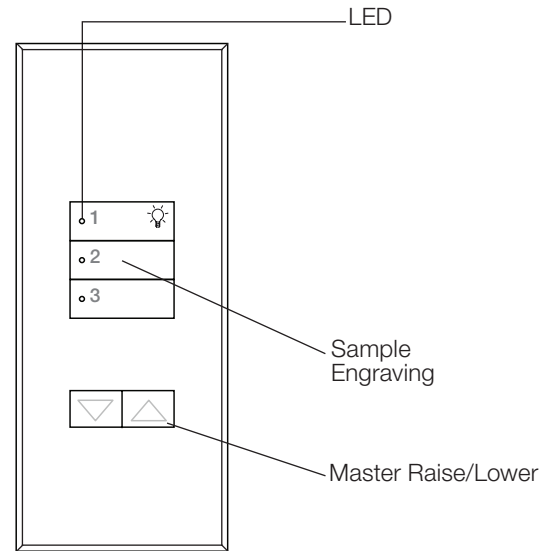LED Color - Color / Finish - Engraving Code

QSWAS-3BRL-___-___-___
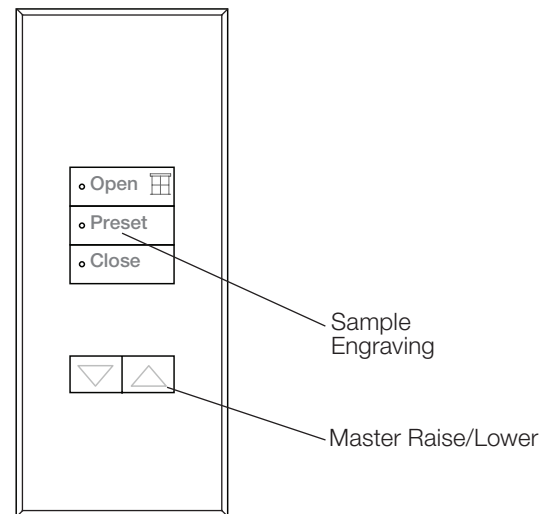## 3 Button Wallstation with
Raise / Lower

Description

- Often used to select and adjust scenes.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- Master raise / lower brightens or dims all lighting or raises / lowers all assigned shades / draperies in the last selected scene or toggled group.
- The LEDs in each button are used during programming and provide feedback when the buttons are pressed.
- Shades / draperies control features (E01 engraving):
  - Can control Sivoia QS shades / draperies.
  - Pressing the Open (or Close) button once will cause the shades / draperies to move to the fully open (or closed) position. Tap any button (regardless of function) to stop a shade / drapery that is in motion.
  - One (1) programmable preset button.

LED

Sample Engraving

Master Raise/Lower

QSWAS-3BRL-G-WH-EGN

Sample Engraving

Master Raise/Lower

QSWAS-3BRL-G-WH-E01

1.5625 in (39 mm)

3.875 in (98 mm)

4.4375 in (113 mm)

2.8125 in (71 mm)

Signature Series Wallbox
P/N WBOX-SA1-Q1
(Sold Separately)

Note: Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.

LUTRON SPECIFICATION SUBMITTAL   Page

Job Name:	Model Numbers:
Job Number:	

LED Color **-** Color/Finish **-** Engraving Code

QSWAS-5BRL-___-___-___
## 5 Button Wallstation with Raise/Lower

Description

- Often used to select and adjust scenes.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- Master raise/lower brightens or dims all lighting or raises/lowers all assigned shades/draperies in the last selected scene or toggled group.
- The LEDs in each button are used during programming and provide feedback when the buttons are pressed.
- Shades/draperies control features (E01 engraving):
  - Can control Sivoia QS shades/draperies.
  - Pressing the Open (or Close) button once will cause the shades/draperies to move to the fully open (or closed) position. Tap any button (regardless of function) to stop a shade/drapery that is in motion.
  - Three (3) programmable preset buttons.
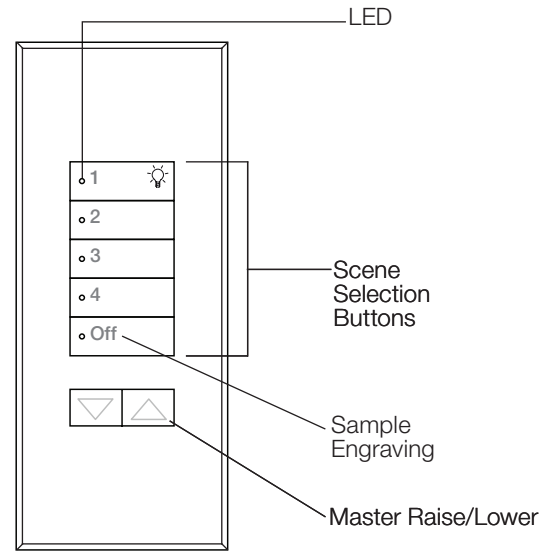
QSWAS-5BRL-G-WH-EGN
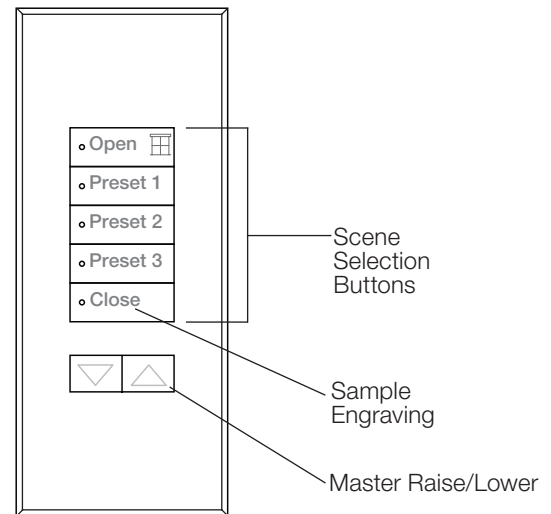
QSWAS-5BRL-G-WH-E01
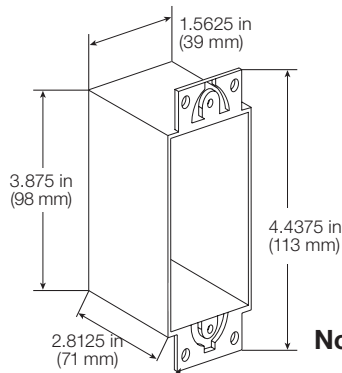
Signature Series Wallbox
P/N WBOX-SA1-Q1
(Sold Separately)

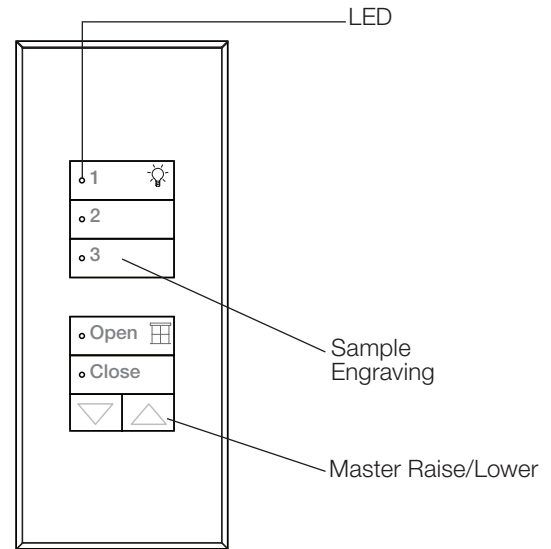**Note:** Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.

Job Name:	Model Numbers:
Job Number:	

LED Color **–** Color / Finish **–** Engraving Code

QSWAS-1RLD-___-___-___
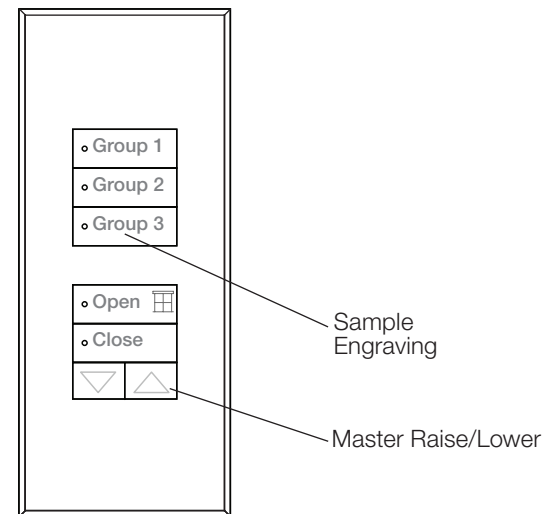## Dual Wallstation with 3 Button
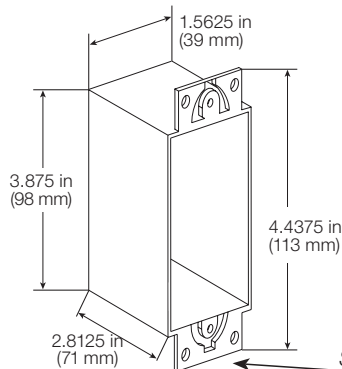## and 2 Button with Raise / Lower

Description

- Used to control one or more lighting or shades / draperies groups simultaneously.
- Functions as two independently programmable controllers: a 3 button (top keypad group) and a 2 button (bottom keypad group). Can control two lighting zones, two shades / draperies zones, or one of each.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with on-button engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- The LEDs in each button are used during programming and provide feedback when the buttons are pressed.
- Shades / draperies control features (E01 engraving):
  - Used to control multiple groups of shades / draperies independently from a single-gang keypad (e.g., a window with a sheer shade / drapery and a blackout shade / drapery).
  - Often used to select three different groups of shades / draperies using Open, Close, and Raise / Lower.
  - Can control Sivoia QS shades / draperies.
  - Pressing the Open (or Close) button once will cause the shades / draperies to move to the fully open (or closed) position. Tap any button (regardless of function) to stop a shades / draperies that is in motion.

QSWAS-1RLD-G-WH-EGN

QSWAS-1RLD-G-WH-E01

1.5625 in (39 mm)

3.875 in (98 mm)

4.4375 in (113 mm)

2.8125 in (71 mm)

Signature Series Wallbox P/N WBOX-SA1-Q1 (Sold Separately)

Note: Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.

Job Name:	Model Numbers:
Job Number:	

LED Color ▪ Color / Finish ▪ Engraving Code

QSWAS-2RLD-___-___-___
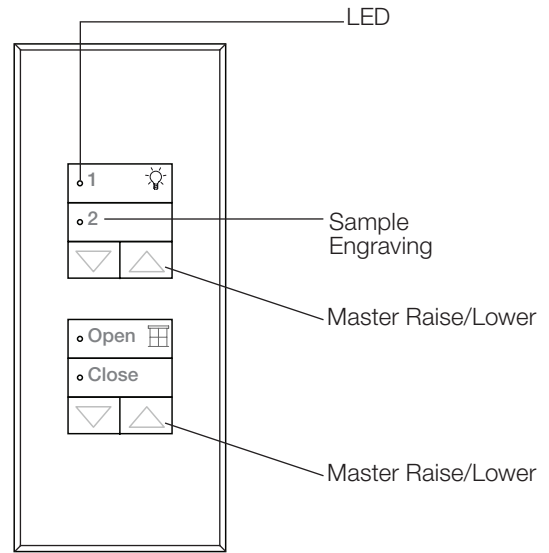## Dual 2 Button Wallstation
with Raise / Lower

Description

- Used to control one or more lighting or shades / draperies groups simultaneously.
- Functions as two independently programmable 2 button controllers. Can control two lighting zones, two shades / draperies zones, or one of each.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with on-button engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- The LEDs in each button are used during programming and provide feedback when the buttons are pressed.
- Shade control features (E01 engraving):
  - Can be used to control multiple groups of shades / draperies independently from a single-gang keypad (e.g., a window with a sheer shade / drapery and a blackout shade / drapery).
  - Can control Sivoia QS shades / draperies.
  - Pressing the Open (or Close) button once will cause the shades / draperies to move to the fully open (or closed) position. Tap any button (regardless of function) to stop a shade / drapery that is in motion.

QSWAS-2RLD-G-WH-EGN

QSWAS-2RLD-G-WH-E01

Signature Series Wallbox
P/N WBOX-SA1-Q1
(Sold Separately)

Note: Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.

Job Name:	Model Numbers:
Job Number:	

LED Color ▪ Color/Finish ▪ Engraving Code

QSWAS-3BD-___-___-___
Dual 3 Button Wallstation

Description

- Used to control one or more lighting or shades/draperies groups simultaneously.
- Functions as two independently programmable 3 button controllers. Can control two lighting zones, two shades/draperies zones, or one of each.
- Receives up to two contact closure inputs via a connector on the back of the Wallstation.
- Large, rounded buttons are easy to use.
- Backlit buttons with on-button engraving make it easy to find and operate the Wallstation in low light conditions.
- Optional button engraving is angled up to the eye for easy reading.
- Available with either Green or Blue status and backlight LEDs.
- The LEDs in each button are used during programming and provide feedback when the buttons are pressed.
- Shades/draperies control features (E01 engraving):
  - Can be used to control multiple groups of shades/draperies independently from a single-gang keypad (e.g., a window with a sheer shade/drapery and a blackout shade/drapery).
  - Can control Sivoia QS shades/draperies.
  - Pressing the Open (or Close) button once will cause the shades/draperies to move to the fully open (or closed) position. Tap any button (regardless of function) to stop a shade/drapery that is in motion.
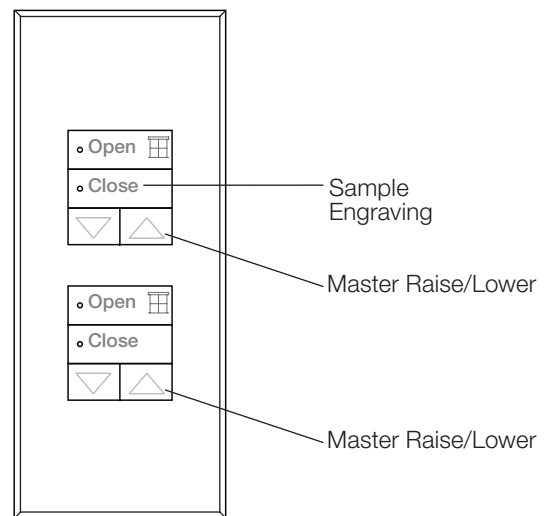 - One (1) programmable preset button per 3 button column.

QSWAS-3BD-G-WH-EGN

QSWAS-3BD-G-WH-E01

1.5625 in (39 mm)

3.875 in (98 mm)

4.4375 in (113 mm)

2.8125 in (71 mm)

Signature Series Wallbox
P/N WBOX-SA1-Q1
(Sold Separately)

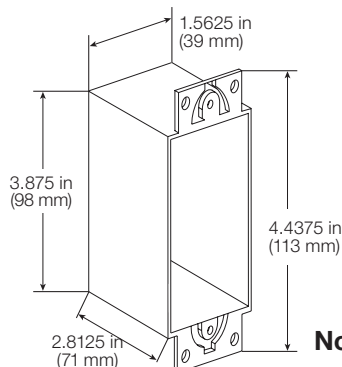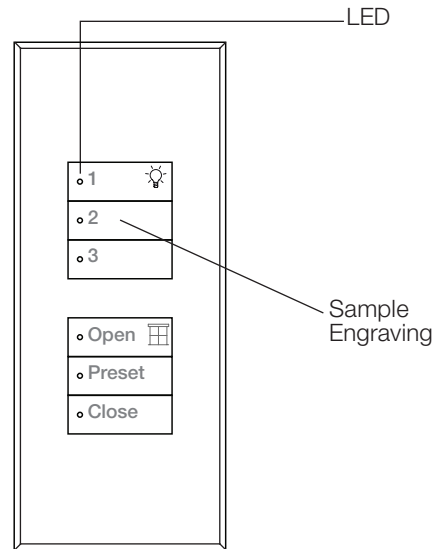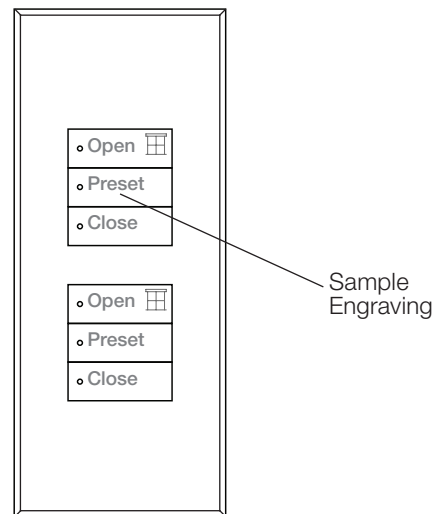**Note:** Wallbox may not be required for all installations. Consult local electrical codes for Class 2 devices.

Job Name:	Model Numbers:
Job Number:	

Specifications for QSWAS Signature Series Keypads

Power Input (Control Link Terminal 2)
SELV/PELV/NEC® Class 2. Operating voltage: 24–36 V⎓ 30 mA

Key Design Features
- Field-changeable button and faceplate assemblies allow easy customization.
- Meets IEC 801-2. Tested to withstand 15 kV electrostatic discharge without damage or memory loss.
- Faceplate snaps on with no visible means of attachment.
- Use Faceplate Replacement Kits to change color, button configuration, or engraving.

System Communications and Capacity
- SELV/PELV/NEC® Class 2 wiring connects Wallstations to other devices on the QS Link.
- A QS system can have up to 100 devices and 100 zones; Signature Series QS wallstations each count as 1 device and 0 zones on the QS Link.
- A Signature Series QS wallstation consumes 1 power draw unit (PDU) on the QS link. For complete information, see "Power Draw Units on the QS Link," Lutron PN 369405.

Terminals
Accept up to two 18 AWG (1.0 mm²).

Environment
32 °F to 104 °F (0 °C to 40 °C). Relative humidity less than 90% non-condensing.

Compatibility
Signature Series QS keypads are compatible with GRAFIK Eye QS control units, Sivoia QS shades/draperies, Energi Savr Node units, and Quantum system devices.
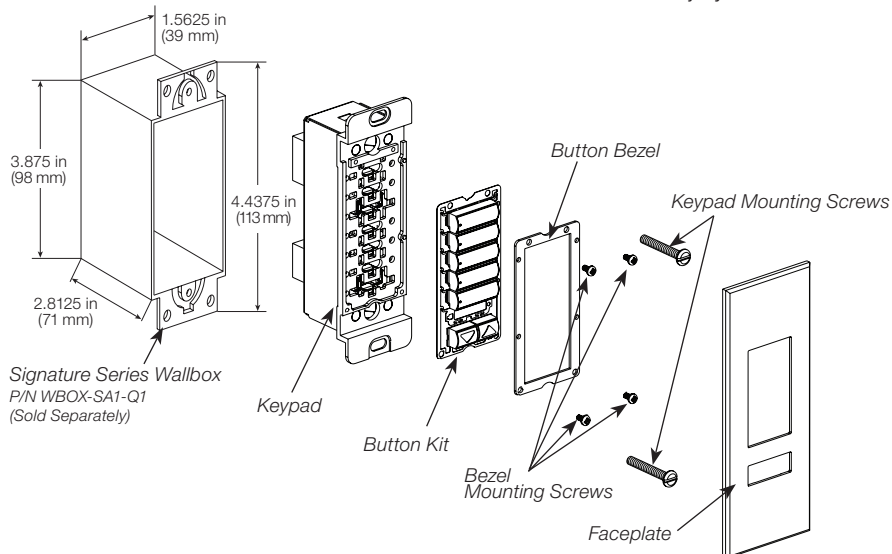
Mounting
Backbox dimensions:
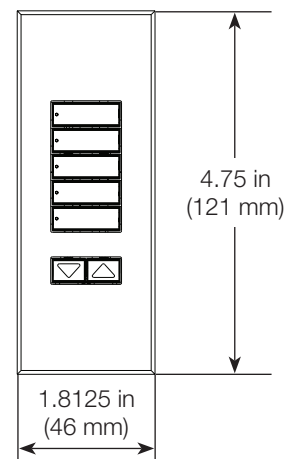4.4375 in (113 mm) high, 1.5625 in (39 mm) wide, 2.8125 in (71 mm) deep.

⚠WARNING – Entrapment Hazard – May result in serious injury or death. These controls should only be used to control equipment which is visible from every control location.

⚠WARNING – Fire Hazard – May result in serious injury or death. Only use these controls to operate approved load and equipment types.
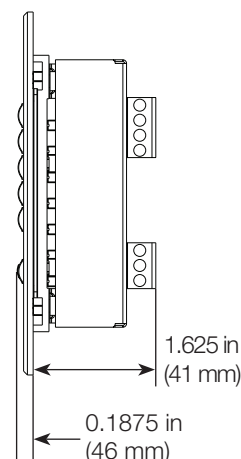
IMPORTANT NOTE: Examples of such equipment which must not be operated by these controls include (but are not limited to) motorized gates, garage doors, industrial doors, microwave ovens, heating pads, fireplaces, space heaters, etc. It is the installer's responsibility to ensure that the equipment being controlled is visible from every control location and that only suitable equipment is connected to these controls. Failure to do so could result in serious injury or death.

Dimensions
Front View

4.75 in
(121 mm)

1.8125 in
(46 mm)

Side View

1.625 in
(41 mm)

0.1875 in
(46 mm)

Back View

QS Link Connector

Sensor/ Contact Closure Input Connector

1.5625 in (39 mm)

3.875 in (98 mm)

4.4375 in (113 mm)

2.8125 in (71 mm)

Button Bezel

Keypad Mounting Screws

Signature Series Wallbox P/N WBOX-SA1-Q1 (Sold Separately)

Keypad

Button Kit

Bezel Mounting Screws

Faceplate

LUTRON SPECIFICATION SUBMITTAL   Page

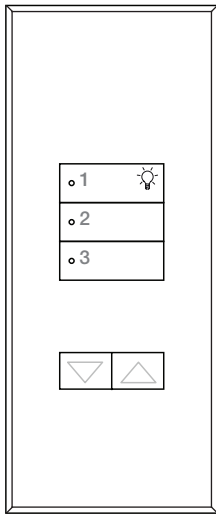| Job Name:	Model Numbers:
Job Number:	
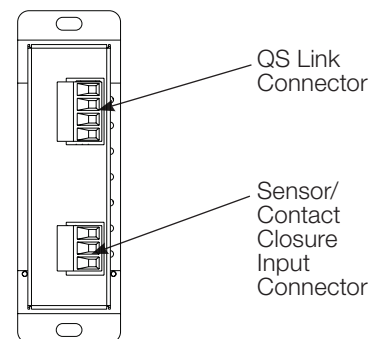
Available Control Types

Signature Series QS wallstations are available in three types:

Lights Only   Lights and Shades/Draperies   Shades/Draperies Only
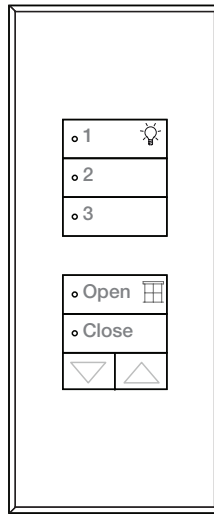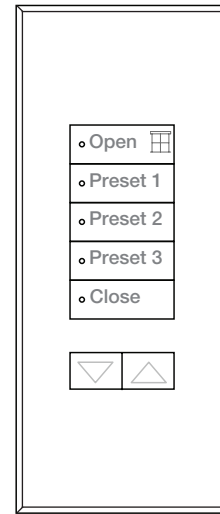
QSWAS-3BRL-G-WH-EGN   QSWAS-1RLD-G-WH-EGN   QSWAS-5BRL-G-WH-E01

Lights Only
- Controls only lights.
- Has a programmable column type (choose from the list on the following pages).
- Engraving options: General (EGN) and Non-Standard (NST).

Lights and Shades/Draperies
- Top column controls only lights and has a programmable column type
  (choose from the list on the following pages).
- Bottom column controls only shades/draperies and has a programmable column type
  (choose from the list on the following pages).
- Engraving options: General (EGN) and Non-Standard (NST).

Shades/Draperies Only
- Controls only shades/draperies.
- Models with preset buttons have programmable preset levels.
- Engraving options: Standard (E01), Secondary (E02), and Non-Standard (NST).

Job Name:	Model Numbers:
Job Number:	

Available Column Types

Scene (with Off)
- Controls preprogrammed scenes on one or more scene controllers (such as a GRAFIK Eye QS control unit, or an area on an Energi Savr Node unit).
- Buttons within a column control the same scene controller(s) (different buttons within a column cannot control different scene controllers).
- The scene recalled by the first button in a column is programmable, subsequent buttons recall the next numerical scene, and the last button always recalls Scene Off.
- A 1 button scene Wallstation will always toggle between the assigned scene and Scene Off.

Scene (without OFF)
- Identical function to Scene with Off, except the last button in a column recalls the next consecutive scene, not Scene Off.

Zone Toggle
- Buttons toggle a zone or group of zones between programmable preset values and Off (where all zones are Off).
- Each zone can be programmed to a different value.
- Each button can be individually programmed to a different zone or group of zones.

Partition
- Allows the user to assign individual buttons of a column to different scene controllers (areas).
- A single button press on the wallstation indicates an open partition (LED ON) within the space. Devices programmed to that button communicate with each other in both directions.
- A second button press on the wallstation indicates a closed partition (LED OFF) within the space so that devices programmed to that button function independently.

2B Partition (2 button Wallstation only)
- Identical function to Partition, except that there are two buttons.
- A top button press indicates an open partition; a bottom button press indicates a closed partition.

2B Fine Tune (2 button Wallstation only)
- Buttons function as raise and lower buttons for assigned zones.
- A button tap will raise/lower the level of assigned zones by 1%.
- Press and holding the buttons smoothly raises to high end or smoothly lowers to low end.

2B Sequence (2 button Wallstation only)
- All assigned scene controllers continuously cycle through either Scenes 1-4 or Scenes 5-16 using the programmed fade times for each scene.
- Useful for spaces that desire dynamic lighting, such as decorative lighting or displays in retail stores.
- A top button press starts sequencing; a bottom button press stops sequencing.

Job Name:	Model Numbers:
Job Number:	

Available Column Types (continued)

2B Panic (2 button Wallstation only)
- Button press causes all assigned scene controllers go to Scene 16.
- Temporarily disables all button presses and ignores scene or zone level changes.
- A top button press enables Panic Mode; a bottom button press disables Panic Mode.

2B Timeclock (2 button Wallstation only)
- Allows the user to enable or disable the timeclock on a GRAFIK Eye® QS control unit.
- A top button press enables the timeclock; a bottom button press disables the timeclock.

Shades/Draperies
- Wallstation must have more than 1 button.
- Raise/Lower buttons are recommended for programming.
- The top button becomes the Open button; the bottom button becomes the Close button for associated Lutron Sivoia QS shades/draperies or third-party AC window treatments.
- For keypads with more than two buttons, the middle buttons are programmable Preset buttons.

Shades/Draperies Group
- Available only on a multi-column keypad where another column is a shades/draperies column.
- Allows the shades/draperies column to operate as multiple independent keypads (one per group).
- Group/button with LED ON indicates which shades/draperies group is currently active.

Note:
- Column types can be changed using the GRAFIK Eye QS control unit programming menu and the Energi Savr Node HHD application (e.g., control that is programmed as "Lights Only" can be changed to "Shades/Draperies Only").
- Additional programming features are available in a Quantum system application.

Job Name:	Model Numbers:
Job Number:	

Signature Series QS Wallstation Button Functions Summary

Button Configuration										
1B	2B	2BRL	3B	3BRL	5B	5BRL	7B	1RLD	2RLD	3BD
EGN (General Engraving) Functionality										
Scene 1, Off ☼	Scene 1, Off ☼	Scenes 1-3 ☼		Scenes 1-4, Off ☼		Scenes 1-7 ☼	Top: Scenes 1-3 ☼ Bottom: Open/Close ⊞	Top: Scene 1, Off ☼ Bottom: Open/Close ⊞	Top: Scenes 1-3 ☼ Bottom: Open, Preset, Close ⊞	
E01 (Standard Engraving) Functionality										
N/A	Open/Close ⊞	Open, Preset, Close ⊞		Open, Presets 1-3, Close ⊞		N/A	Top: Groups 1-3 Bottom: Open/Close ⊞	Top: Open/Close ⊞ Bottom: Open, Close ⊞	Top: Open, Preset, Close ⊞ Bottom: Open, Preset, Close ⊞	
E02 (Secondary/Shades/Draperies Only Engraving) Functionality										
N/A	N/A	N/A		N/A		N/A	Top: Blackout, Sheer, Both ⊞ Bottom: Open/Close ⊞	N/A	N/A	

Legend:
☼ Light Control
⊞ Shades/Draperies Control

Job Name:	Model Numbers:
Job Number:	

How to Build a Standard Signature Series QS Model Number

QSWAS-___-__-WH

- Prefix
- Button Configuration (see next page)
- LED Color
- White Matte Finish (Metal)

G: Green LED
B: Blue LED
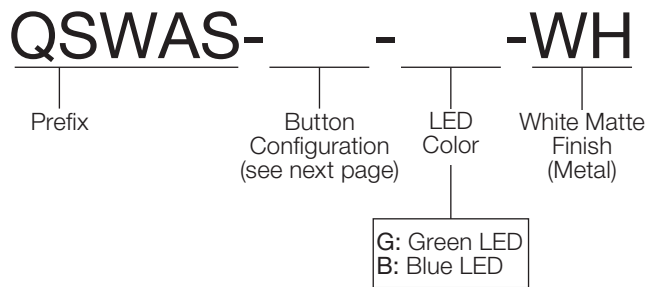
How to Build a Custom Signature Series QS Model Number

QSWAS-___-__-___-___

- Prefix
- Button Configuration (see next page)
- LED Color
- Color/Finish
- Engraving Code

G: Green LED
B: Blue LED
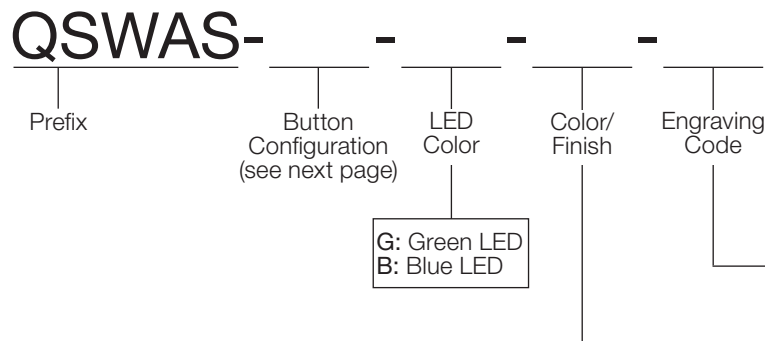
Color/Finish Codes

Architectural Matte Finishes (Metal)

With White plastic buttons (standard).

White	WH

Architectural Metal Finishes

With black plastic buttons (standard).

Bright Brass	BB
Bright Chrome	BC
Bright Nickel	BN
Satin Brass	SB
Satin Chrome	SC
Satin Nickel	SN
Antique Brass	QB
Antique Bronze	QZ
Gold	AU

Anodized Aluminum Finishes

With black plastic buttons (standard).

Clear	CLA
Black	BLA
Brass	BRA

Notes:
- Color chip keychains are available for more precise color matching:

  Architectural Matte Finishes
  - AM-CK-1

  Architectural Metal Finishes
  - AMTL-CK-1

- If no color is specified, wallstations will ship with White (WH) finish (Metal)

Engraving Codes

Omit: Unengraved

EGN: General Engraving
For "Lights only" and "Lights and Shades/Draperies" controls

E01: Standard Engraving
For "Shades/Draperies only" controls

E02: Secondary engraving for "Shades/Draperies only" controls

NST: Non-standard engraving for 'Lights Only', 'Lights and Shades/Draperies', or 'Shades/Draperies Only' controls

Please visit the GRAFIK Eye QS website at www.lutron.com/grafikeyeqs for custom engraving forms

Note: If no engraving is specified, wallstations will ship with an engraving certificate, with EGN being its default engraving type.

Job Name:	Model Numbers:
Job Number:	

How to Build a Signature Series QS Model Number (continued)

Button Configurations
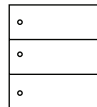
1B
1 Button

2B
2 Button
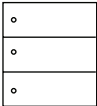
3B
3 Button
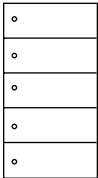
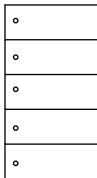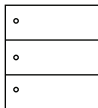**5B**
5 Button
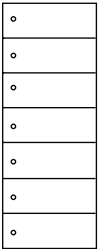
7B
7 Button

2BRL
2 Button with
Raise / Lower

3BRL
3 Button with
Raise / Lower
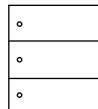
5BRL
5 Button with
Raise / Lower

1RLD
Dual with 3 Button
and 2 Button with
Raise / Lower

2RLD
Dual 2 Button with
Raise / Lower

3BD
Dual 3 Button

| Job Name:	Model Numbers:
Job Number:	

Signature Series Replacement Faceplate and Button Kit Information

Use Replacement Faceplate and Button Kits to change: colors, button configuration and engraving.

Replacement Button/Faceplate Kits

LFS-W1B-XX*	1 Button
LFS-W2B-XX*	2 Button
LFS-W3B-XX*	3 Button
LFS-W5BT-XX*	5 Button
LFS-W7B-XX*	7 Button
LFS-W2BRL-XX*	2 Button, Raise/Lower
LFS-W3BRL-XX*	3 Button, Raise/Lower
LFS-W5BRL-XX*	5 Button, Raise/Lower
LFS-W1RLD-XX*	Dual Group, Raise/Lower (1)
LFS-W2RLD-XX*	Dual Group, Raise/Lower (2)
LFS-W3BD-XX*	Dual Group

Note: Contact Lutron Customer Service for Multigang Installations: 1.888.LUTRON1

Button Kit

Button Bezel

Bezel Mounting Screws

Faceplate
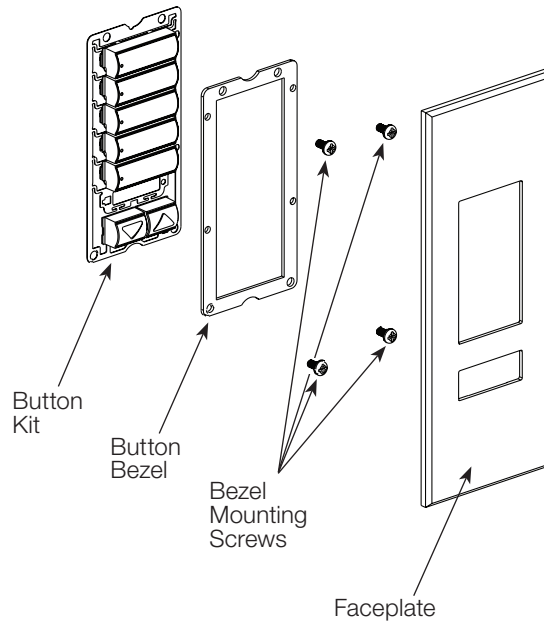
Replacement Engraveable Button Kits

RKS-1B-XX*-E	1 Button
RKS-2B-XX*-E	2 Button
RKS-3B-XX*-E	3 Button
RKS-5B-XX*-E	5 Button
RKS-7B-XX*-E	7 Button
RKS-2BRL-XX*-E	2 Button, Raise/Lower
RKS-3BRL-XX*-E	3 Button, Raise/Lower
RKS-5BRL-XX*-E	5 Button, Raise/Lower
RKS-1RLD-XX*-E	Dual Group, Raise/Lower (1)
RKS-2RLD-XX*-E	Dual Group, Raise/Lower (2)
RKS-3BD-XX*-E	Dual Group

Button Kit

Bezel Mounting Screws
(Bezel not included in Replacement Engraveable Button Kits)
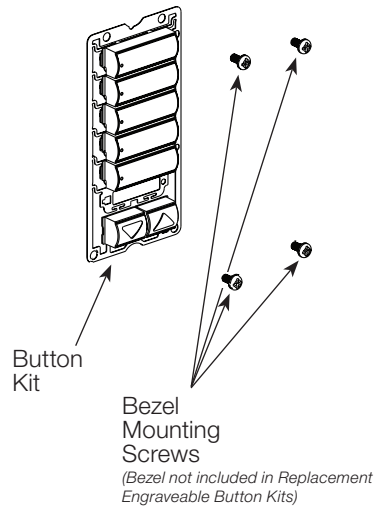
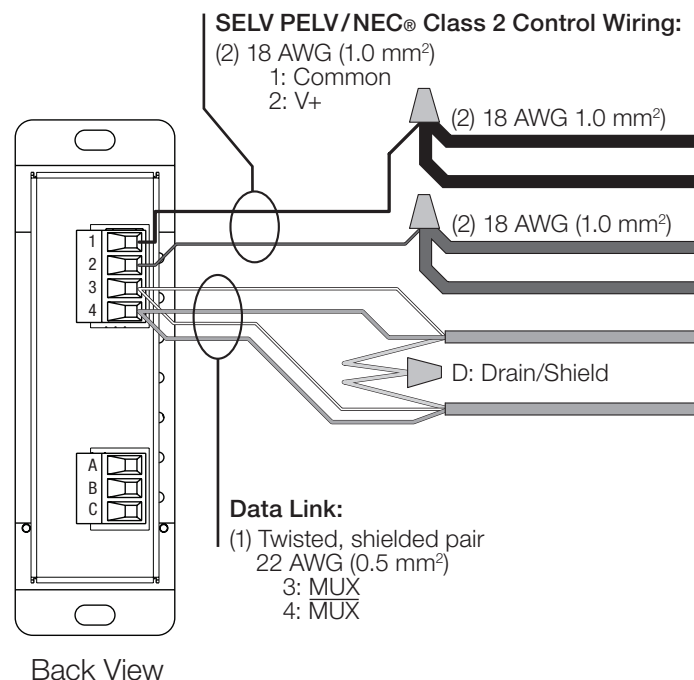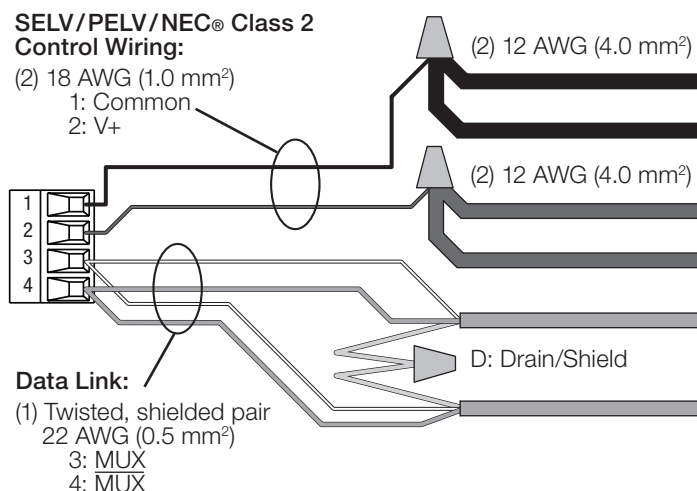| Job Name:	Model Numbers:
Job Number:	

Wallstation Wiring

QS Link Wiring

- Use SELV/PELV/NEC® Class 2 wiring to connect Wallstations to the QS link.
- Connect two 22 AWG (0.5 mm²) shielded, twisted pair wires to terminals 3 and 4 of the wallstation's control link connector. Shielding (drain) of the twisted pair wires must be connected together as shown, but do not connect the shielding to earth/ground or the wallstation and do not allow it to contact the grounded wallbox.
- Connect the appropriate size wires to terminals 1 and 2 for power, according to your link length (see table below).
- Connect Drain/Shield as shown. Do not connect to Ground (Earth) or Wallstation. Connect the bare drain wires and cut off the outside shield.

  Note: Use appropriate wire connecting devices as specified by local codes.

Link Wiring less than 500 ft (153 m)

SELV PELV/NEC® Class 2 Control Wiring:
(2) 18 AWG (1.0 mm²)
  1: Common
  2: V+

(2) 18 AWG 1.0 mm²

(2) 18 AWG (1.0 mm²)

D: Drain/Shield

Data Link:
(1) Twisted, shielded pair
  22 AWG (0.5 mm²)
  3: MUX
  4: MUX

Back View

Link Wiring 500 ft (153 m) to 2000 ft (610 m)

SELV/PELV/NEC® Class 2 Control Wiring:
(2) 18 AWG (1.0 mm²)
  1: Common
  2: V+

(2) 12 AWG (4.0 mm²)

(2) 12 AWG (4.0 mm²)

D: Drain/Shield

Data Link:
(1) Twisted, shielded pair
  22 AWG (0.5 mm²)
  3: MUX
  4: MUX

QS Link Wire Sizes (check compatibility in your area)

QS Link Wiring Length	Wire Gauge	Lutron Cable Part Number
Less than 500 ft (153 m)	Power (terminals 1 and 2) 1 pair 18 AWG (1.0 mm²)	GRX-CBL-346S (non-plenum) GRX-PCBL-346S (plenum)
	Data (terminals 3 and 4) 1 twisted, shielded pair 22 AWG (0.5 mm²)	
500 ft to 2000 ft (153 m to 610 m)	Power (terminals 1 and 2) 1 pair 12 AWG (4.0 mm²)	GRX-CBL-46L (non-plenum) GRX-PCBL-46L (plenum)
	Data (terminals 3 and 4) 1 twisted, shielded pair 22 AWG (0.5 mm²)	

Job Name:	Model Numbers:
Job Number:	

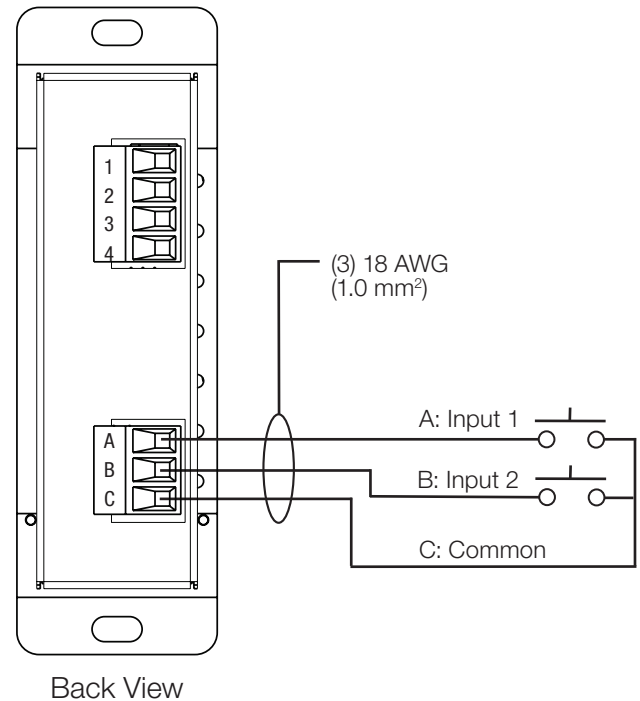# Wallstation Wiring (continued)

Contact Closure Inputs

Specifications
- Inputs must be dry contact closure, solid-state, open collector (NPN/PNP), or active-low (NPN)/ active-high (PNP) output.
  - Open collector (NPN) or active-low (NPN) on-state voltage must be less than 2 V⎓ and sink 3.0 mA
  - Open collector (PNP) or active-high (PNP) on-state voltage must be greater than 12 V⎓ and source 3.0 mA
- Wallstation is miswire protected up to 36 V⎓.
- Outputs must stay in the closed or open states for at least 40 ms in order to be recognized by the Wallstation.

Contact Closure Input Wiring
- Use low-voltage SELV / PELV / NEC® Class 2 wiring to connect the contact closure inputs to the Wallstation.

(3) 18 AWG
(1.0 mm^2)

A: Input 1

B: Input 2

C: Common

Back View

⚙️**LUTRON**   SPECIFICATION SUBMITTAL   Page

Job Name:	Model Numbers:
Job Number:	