

Simply Brilliant® Universal UPB Dimmer Switch Base

SimplyBrilliant® US2-40 is a Universal UPB Dimmer-Controller Switch Base, providing ultra-reliable, 1 Watt to 900 Watt, control of new and existing lighting fixtures, motors and other electrical devices. Thirteen (13) universal faceplate choices fit the US2, in 6 standard colors, meeting most décor and lighting needs. Multi-rocker/buttons control the local load and transmit Universal Powerline Bus (UPB) lighting scene-links to other UPB devices to control virtually anything connected to the powerline anywhere in the home.

Advantages

- **No new wires**
 - ▶ Communicates over existing power lines
 - ▶ Transmits and receives UPB lighting scenes
- **UPB technology delivers...**
 - ▶ Exceptional reliability and noise immunity
 - ▶ Lowest installed cost compared to hardwired and RF solutions
 - ▶ No interference between adjacent homes
- **Easily configured or reconfigured with UPStart (PC) software**
 - ▶ makes changing lighting scenes and control quick and easy
 - ▶ includes UPStart Wizard for first time users

Features

- **Interchangeable 'Universal' faceplate assemblies**
 - ▶ 78 faceplate options, 13 styles x 6 standard colors
 - ▶ Change color and functionality in the field
 - ▶ Higher flexibility / lower inventory costs
- **Configurable output**
 - ▶ Dimming or on/off dimming disabled
 - ▶ 900 Watts / 7.5 Amps max., 1 Watt min.
 - ▶ Supports incandescent, Halogen, fluorescent, LED, low-voltage transformers, ballasts and motors-pump/fan
- **Intuitive rocker/button action**
 - ▶ Press and hold for 200 dimming steps & Resume Dim
 - ▶ Single tap fade up/down, double tap snaps to 100/0%
 - ▶ Adjustable (faster) response time and fade rate
- **Manual Scene-Link Modification with Rocker/Buttons**
 - ▶ Add or delete devices from scene with 7 or 8 taps
 - ▶ Adjust linked devices' light level and save with 7 taps
- **Patented contoured heat sink for cooler operation**
- **Thermal overload protection**
- **Aesthetically pleasing Blue/Green Dual LED indicator**
- **Dedicated Remote Switch (Model USR) connections**
 - ▶ Provides inexpensive 3 or more-way control option
- **Standard Faceplate Colors: White (W), Almond (A), Light Almond (LA), Ivory (I), Black (BK), Brown (BN)**

Simply Automated, Incorporated

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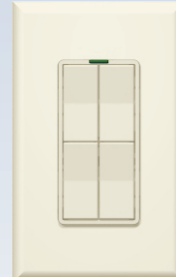
Make the Switch

...from this



Single Rocker, White

...to this



Quad Rocker, Almond

...or even this



8-Button, White

**...without untwisting
a single wirenut!**

Interchangeable rocker faceplate assemblies allow for changes in color and upgrades in functionality in the field without disconnecting power or untwisting a single wirenut.

Specifications

- Power:** 120VAC +/- 10%, 60 Hz
- Output & Loads:** 1 Watt minimum, 900W (7.5Amp) maximum at 120VAC (see table on next page for derating details). Configurable for dimming (default) or On/Off dimming disabled. Allows use with incandescent, Halogen, fluorescent, LED, low-voltage lighting transformers, ballasts and motors-pump /fan. Dims any standard dimmable fixture.
- Connections:** 6" stranded pigtailed, #16 AWG for power and load #20 AWG for traveler wires
- Operating Temperature:** 30-120°F (0-50°C)
- Dimensions:** 4.2"H x 1.7"W x 1.6"D (107 x 43 x 41mm)
depth inside J-box = 1.35"
- Weight:** 3.8 oz (108g)
- Mounting:** standard J-box
- Wiring:**
- | | |
|---------------|------------|
| Black | AC Line |
| White | AC Neutral |
| White / Brown | Traveler 1 |
| White / Red | Traveler 2 |

For indoor or weather protected use only. Prices and specifications are subject to change without notice.



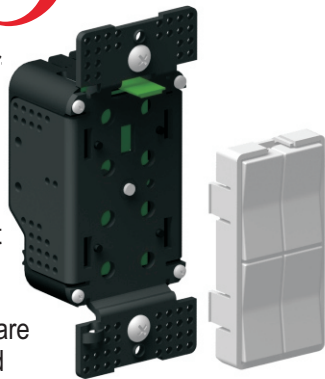
Home Automation Made Simple.

Simply Brilliant™

UPB Universal Dimmer Switch Base

SimplyBrilliant® UPB Universal Dimmer Controller Switch provides ultra-reliable control of new and existing lighting fixtures.

Each Universal Switch has one default rocker or button that controls its' output circuit. So any faceplate option will control the local load 'out of the box' (default). UPB switches and modules are added to a UPB powerline network and configured using **UPStart** (PC based) software and a Computer Interface Module (model UMC).



By default the US2 is set to dim incandescent, halogen, LED, magnetic low-voltage lighting or any other standard dimmable fixtures. Dimming can be disabled for On/Off control of fluorescent lights, fans, motors and other non-dimmable loads. The adjustable response time feature and fade rate function sets how quickly the output responds and dims lights on and off.

The switch base accepts any one of the 13 faceplates. Any of the faceplate buttons or rockers can be configured to control the local load and or lighting scene-links. Up to 250 UPB device and 250 scene-links can be used on a powerline network to control virtually anything connected to the household wiring.

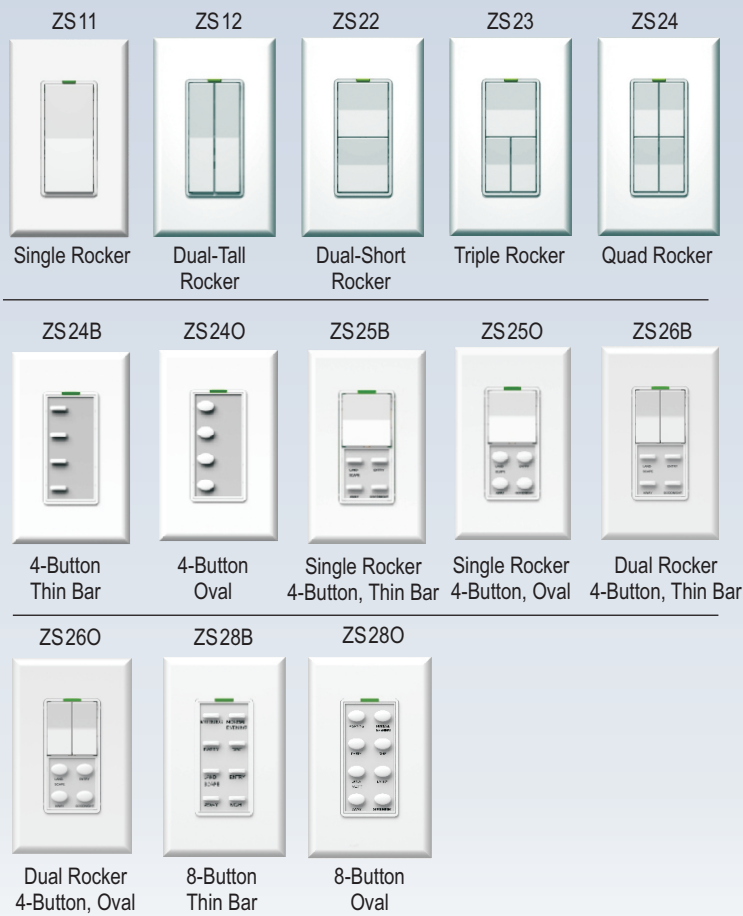
Manual scene-link modification capabilities are unique to Simply Automated devices. A user can easily change existing scenes, adding or removing devices and adjusting light levels, by pressing rocker/buttons in a specific sequence (see User Guide for details) without using UPStart.

Applications

The model US2-40 is a universal solution for UPB control throughout a home. With ability to perform simple single rocker to multi-rocker/button functions and directly control a local load, it is used in most any light control application. Custom lighting scenes at the touch of a button, in your living room, family or great room, kitchen, study master bedroom/bathroom, and office. Turn on or off all lights in your home. Automatically (Scheduler-Timer, model UCS) turn on/off outdoor garden or security lights, or provide nightlight convenience anywhere in your home. From creating a virtual 3 way switch anywhere in your home, to turning on a group of lights when your garage door is opened, door bell or phone rings, or your alarm system is armed/disarmed/alarmed, Simply Automated offers a vast array of simple and flexible solutions.

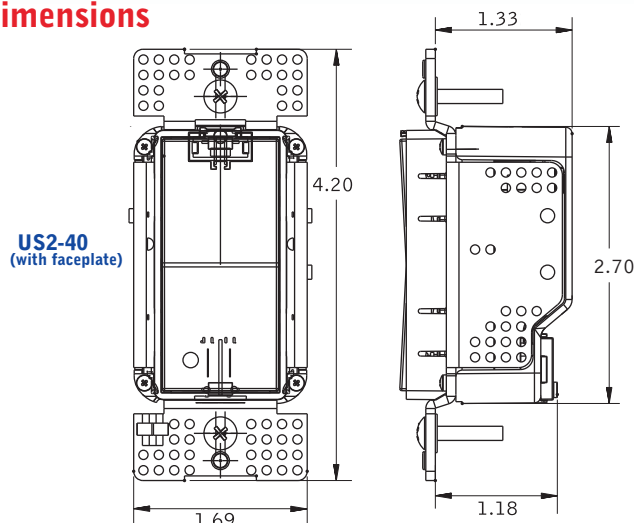
Universal Faceplate Options*

Standard (Gloss Finish) Colors : White (W), Almond (A), Light Almond (LA), Ivory (I), Black (BK), Brown (BR)



*Specify model US2-40; Universal Dimmer-Controller, Single Load, Switch Base; and ZSxxx-xx Series faceplate option (E.g. ZS26B-LA)

Dimensions



Ganging and Derating

| | | # of Dimmers in j-box | | |
|------------------|----|-----------------------|------|------|
| | | 1 | 2 | 3+ |
| # of j-box Gangs | 1 | 600W | -- | -- |
| | 2 | 800W | 500W | -- |
| | 3+ | 900W | 700W | 500W |

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